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ENUMERATION OF CLASSES, FIRST HALF-YEAR, 1899-1900.

Mathematics. (57 Students).

Classes meet in the Physical Laboratory, except as otherwise stated.

Differential Equations: (*Advanced Course*): Professor CRAIG. Thursday and Friday, 8 a. m., Room 26. (8).

Coble, A. B. — Eisenhart, L. P. — Kraus, C. A. — McInnes, C. R.
Crum, C. W. R. — James, G. O. — Loving, R. E. — Rabinovitch, I. E.

Theory of Surfaces: Professor CRAIG. Wednesday and Thursday, 9 a. m., Room 26. (7).

Coble, A. B. — Eisenhart, L. P. — Loving, R. E. — Rabinovitch, I. E.
Crum, C. W. R. — James, G. O. — McInnes, C. R.

Riemann's Surfaces: Professor CRAIG. Monday and Tuesday, 8 a. m., Room 26. (7).

Coble, A. B. — Eisenhart, L. P. — Loving, R. E. — Rabinovitch, I. E.
Crum, C. W. R. — James, G. O. — McInnes, C. R.

Automorphic Functions: Professor CRAIG. Monday and Tuesday, 9 a. m., Room 26. (7).

Coble, A. B. — Eisenhart, L. P. — Loving, R. E. — Rabinovitch, I. E.
Crum, C. W. R. — James, G. O. — McInnes, C. R.

Lie's Theory of Transformation Groups: Dr. COHEN. Wednesday, 10 a. m., Friday, 9 a. m., Room 26. (7).

Coble, A. B. — Eisenhart, L. P. — McInnes, C. R. — Tondorf, F. A.
Crum, C. W. R. — James, G. O. — Rabinovitch, I. E.

Higher Plane Curves: Dr. COHEN. Tuesday and Thursday, 4.30 p. m., Room 26. (6).

Coble, A. B. — Eisenhart, L. P. — McInnes, C. R. — Weglein, D. E.
Crum, C. W. R. — James, G. O.

Theory of Functions: Dr COHEN. Monday and Tuesday, 11 a. m., Room 26. (11).

Coble, A. B. — Hun, J. G. — Loving, R. E. — Tondorf, F. A.
Crum, C. W. R. — Kent, N. A. — Meyer, J. F. — Turner, A. B.
Edmunds, C. K. — Kraus, C. A. — Smith, A. W.

Differential Equations: Dr. COHEN. Tuesday and Friday, 8 a. m., Room 27. (11).

Baetjer, H. — Hyde, E. P. — Moore, J. H. — Smith, A. W.
Converse, H. A. — Kerr, R. C. — Pierce, E. D. — Turner, A. B.
Ewell, A. W. — Middlekauff, G. W. — Routh, J. E.

Determinants; Calculus (*Special Topics*); ***Theory of Equations:*** (*Major Course*): Professor HULBURT. Daily, except Monday, 9 a. m., Room 26. (13).

Bruton, A. W. — Hun, J. G. — Middlekauff, G. W. — Pierce, E. D.
Converse, H. A. — Kiess, H. A. — Moore, J. H. — Warner, H. M.
Cronin, F. H. — Liddell, D. M. — Morse, R. B. — Wolf, M. W.
Hill, H. D.

Analytic Geometry; Calculus: (*Minor Course*): Professor HULBURT. Monday, 9 a. m., Tuesday, 10 a. m., Wednesday, 11 a. m., Thursday, 12 m., Room 26. (16).

Barrett, J. T. — Hoge, J. F. D. — King, J. H. — Sisco, G. E.
Brown, J. R. C. — Hutzler, L. S. — Koppelman, W. H. — Sneeringer W. J.
England, J. T. — Kenney, W. C. — Lisberger, S. J. — Torrey, C. A.
Gillespie, H. C. — Kiess, H. A. — Reynolds, W. F. — Watkins, R. H.

Elementary Solid Geometry: Dr. COHEN. Monday, 9 a. m., Tuesday, 10 a. m., Wednesday, 11 a. m., Thursday, 12 m., Room 7, McCoy Hall. (8).

Cameron, P. J. S. — Hoffman, R. C. — Law, H. B. — Reider, C.
Hildt, J. C. — Keller, J. F. — Lowndes, C. H. G. — White, L. J.

Physics. (87 Students.)

Classes meet in the Physical Laboratory.

Heat Conduction: Professor ROWLAND. Daily, except Wednesday, 10 a. m.; Dr. DORSEY. Wednesday, 9 a. m., Room 24. (18).

Edmunds, C. K. — Kent, N. A. — Parsons, L. A. — Schenck, C. C.
Ewell, A. W. — Kraus, C. A. — Pender, H. — Smith, A. W.
Gilbert, N. E. — Loving, R. E. — Potts, L. M. — Tondorf, F. A.
Huff, W. B. — Lucke, H. J. — Reese, H. M. — Turner, A. B.
James, G. O. — Meyer, J. F.

Physical Seminary: Professor AMES. Friday, 4 p. m., Room 23. (22).

Edmunds, C. K. — Kraus, C. A. — Parsons, L. A. — Schenck, C. C.
Ewell, A. W. — Loving, R. E. — Pender, H. — Smith, A. W.
Gilbert, N. E. — Lucke, H. J. — Pierce, E. D. — Tondorf, F. A.
Huff, W. B. — Meyer, J. F. — Potts, L. M. — Turner, A. B.
James, G. O. — Middlekauff, G. W. — Reese, H. M. — Whitehead, R. F.
Kent, N. A. — Moore, J. H.

Journal Meeting: Professors ROWLAND and AMES. Wednesday, 11 a. m., Room 23. (27).

Bliss, W. J. A. — Huff, W. B. — Middlekauff, G. W. — Schenck, C. C.
Dorsey N. E. — James, G. O. — Moore, J. H. — Smith, A. W.
Jewell, L. E. — Kent, N. A. — Parsons, L. A. — Tondorf, F. A.
Jones, H. C. — Kraus, C. A. — Pender, H. — Turner, A. B.
Edmunds, C. K. — Loving, R. E. — Pierce, E. D. — Whitehead, J. B.
Ewell, A. W. — Lucke, H. J. — Potts, L. M. — Whitehead, R. F.
Gilbert, N. E. — Meyer, J. F. — Reese, H. M.

Theoretical Mechanics: Professor AMES. Thursday and Friday, 11 a. m., Room 24. (23).

Coble, A. B. — Kent, N. A. — Moore, J. H. — Schenck, C. C.
Crum, C. W. R. — Kraus, C. A. — Parsons, L. A. — Smith, A. W.
Edmunds, C. K. — Loving, R. E. — Pender, H. — Tondorf, F. A.
Ewell, A. W. — Lucke, H. J. — Potts, L. M. — Turner, A. B.
Gilbert N. E. — Meyer, J. F. — Reese, H. M. — Whitehead, R. F.
Huff, W. B. — Middlekauff, G. W. — Routh, J. E.

General Physics: (*Major Course*): Professor AMES. Daily, except Thursday, 12 m., Room 18. (15).

Baetjer, H. — Foster, F. — Kerr, R. C. — Pierce, E. D.
Barrett, J. T. — Hill, H. D. — Lindsay, C. F. — Rabinovitch, I. E.
Bird, R. M. — Hun, J. G. — Middlekauff, G. W. — Smith, W. L.
Converse, H. A. — Hyde, E. P. — Moore, J. H.

General Physics: (*Minor Course*): Professor AMES. Daily, except Tuesday, 10 a. m., Room 18. (43).

Barrett, J. T. — Hazen, H. H. — Moore, R. E. — Sneeringer, W. J.
Beasley, E. B. — Hoffman, W. E. — Morse, R. B. — Stein, J. S.
Beeuwkes, H. — Hoge, J. F. D. — Mower, F. D. — Stone, H. B.
Bernheim, E. P. — Kirby, F. J. — Murphy, L. C. — Strouse, S.
Bruton, A. W. — Knapp, A. M. — Pels, I. R. — Warner, H. M.
Buttner, W. J. — Lisberger, S. J. — Pinkerton, T. C. — Watkins, R. H.
Bye, M. — Love, J. M. — Putts, B. S. — Whitehill, I. E.
Caldwell, B. P. — Machi, D. I. — Robertson, C. B. — Wolf, M. W.
Campbell, J. G. — McClone, R. — Schultz, C. H. — Wolman, S.
Cronin, T. H. — Middlekauff, G. W. — Shippen, L. P. — Wroth, P.
Dapprich, F. R. — Miller, H. C. — Siemons, J. A.

Applied Electricity: Mr. WHITEHEAD. Thursday and Friday, 12 m., Room 24. (8).

Ewell, A. W.
Kent, N. A.
Lucke, H. J.
Meyer, J. F.
Parsons, L. A.
Pender, H.
Potts, L. M.
Reese, H. M.

Laboratory Work: Professor ROWLAND, Professor AMES, Dr. BLISS, Dr. DORSEY, Mr. WHITEHEAD. Daily, 9 a. m. to 5 p. m. (78).

Baetjer, H.
Barrett, J. T.
Beasley, E. B.
Beeuwkes, H.
Bernheim, E. P.
Bird, R. M.
Brown, J. R. C.
Bruton, A. W.
Buttner, W. J.
Bye, M.
Caldwell, B. P.
Campbell, J. G.
Converse, H. A.
Cronin, T. H.
Crum, C. W. R.
Dapprich, F. R.
Edmunds, C. K.
Evans, J. R.
Ewell, A. W.
Foster, F.
Gilbert, N. E.
Hazen, H. H.
Hill, H. D.
Hoffman, W. E.
Hoge, J. F. D.
Huff, W. B.
Hun, J. G.
Hyde, E. P.
James, G. O.
Kent, N. A.
King, J. H.
Kirby, F. J.
Knapp, A. M.
Kraus, C. A.
Lindsay, C. F.
Lisberger, S. J.
Love, J. M.
Loving, R. E.
Lucke, H. J.
Macht, D. I.
McGlone, B.
Meyer, J. F.
Middlekauff, G. W.
Miller, H. C.
Moore, J. H.
Moore, R. E.
Morse, R. B.
Mower, F. D.
Murphy, L. C.
Parsons, L. A.
Pels, I. R.
Pender, H.
Pierce, E. D.
Pinkerton, T. C.
Potts, L. M.
Putts, B. S.
Rabinovitch, I. E.
Reese, H. M.
Robertson, C. B.
Routh, J. E.
Schenck, C. C.
Schultz, C. H.
Shippen, L. P.
Slemons, J. A.
Smith, A. W.
Sneeringer, W. J.
Stein, J. S.
Stone, H. B.
Strouse, S.
Tondorf, F. A.
Turner, A. B.
Warner, H. M.
Watkins, R. H.
Whitehead, R. F.
Whitehill, I. E.
Wolf, M. W.
Wolman, S.
Wroth, P.

Experimental Physics for Medical Students: Mr. HUFF. Saturday, 9 a. m. to 12 m. (6).

Bixler, L. C.
Gaines, L. M.
Lynch, L. A.
Schultz, O. T.
Smith, W. H.
Travis, C. H.

Chemistry. (114 Students).

Classes meet in the Chemical Laboratory, except as otherwise stated.

Organic Chemistry: (*For Graduate Students*): Professor REMSEN. Daily, except Monday, 9 a. m. (31).

Beck, G. C.
Bird, R. M.
Black, H. V.
Blanchard, W. M.
Caldwell, B. P.
Canter, H.
Carter, J. D.
Case, W. A.
Caspari, C. E.
Chambliss, H.
Chambers, V. J.
Clark, F. E.
Douglas, J. M.
Flinn, F. B.
Frazer, J. C. W.
Garner, W. W.
Hancock, F. A.
Harris, C. D.
Horn, D. W.
Humphreys, R. E.
King, S. H.
Lindsay, C. F.
Olsen, J. C.
Patterson, A. M.
Robertson, C. B.
Russell, G. W.
Schultz, C. H.
Simmons, W. W.
Taveau, R. de M.
Torrey, C. A.
Yamaguchi, K.

Journal Meeting: Professor REMSEN. Monday, 9 a. m. (32). The instructors in Chemistry and the following students:

Beck, G. C.
Bird, R. M.
Black, H. V.
Blanchard, W. M.
Caldwell, B. P.
Canter, H.
Carter, J. D.
Case, W. A.
Caspari, C. E.
Chambers, V. J.
Chambliss, H.
Clark, F. E.
Douglas, J. M.
Flinn, F. B.
Frazer, J. C. W.
Garner, W. W.
Hancock, F. A.
Harris, C. D.
Horn, D. W.
Humphreys, R. E.
King, S. H.
Kraus, C. A.
Lindsay, C. F.
Olsen, J. C.
Patterson, A. M.
Robertson, C. B.
Russell, G. W.
Schultz, C. H.
Simmons, W. W.
Taveau, R. de M.
Torrey, C. A.
Yamaguchi, K.

Physical Chemistry: Dr. H. C. JONES. Monday, Tuesday, Wednesday, 12 m. (10).

Caldwell, B. P.
Chambers, V. J.
Clark, F. E.
Edmunds, C. K.
Frazer, J. C.
Hall, E. S.
King, S. H.
Olsen, J. C.
Smith, A. W.
Torrey, C. A.

Elements of Physical Chemistry: Dr. H. C. JONES. Thursday and Friday, 12 m. (14)

Black, H. V.
Blanchard, W. M.
Canter, H.
Case, W. A.
Chambliss, H.
Douglas, J. M.
Garner, W. W.
Horn, D. W.
Humphreys, R. E.
King, S. H.
Patterson, A. M.
Robertson, C. B.
Simmons, W. W.
Yamaguchi, K.

Inorganic Chemistry: (*Major Course*): Professor MORSE. Daily, except Monday, 9 a. m. (24).

Abercrombie, R. T.
Brooks, C. E.
Bye, M.
Constantine, C. W.
Dapprich, F. R.
Hatch, E. C.
James, W. McC.
Leopold, E. J.
Mackall, L. L.
Mower, F. D.
Neal, W. D.
Porter, G. F.
Rehberger, G. E.
Rehberger, J. M.
Riggins, J. A.
Schaun, P. E.
Shipley, S. D.
Shippen, L. P.
Shreve, O. F.
Straus, H. P.
Struth, O. A.
Swindell, W. B.
Washington, F. J.
West, A. P.

General Chemistry: (*Minor Course*): Professor RENOUF and Dr. GILPIN. Daily, except Monday, 9 a. m., Hopkins Hall. (55).

Barrett, J. T.
Beasley, E. B.
Beeuwkes, H.
Bernheim, B. M.
Bernheim, E. P.
Bird, A. R.
Boyer, N.
Brown, E. B.
Brown, J. R. C.
Buttner, W. J.
Byrne, H. S.
Campbell, J. G.
Clark, C. T.
Crane, R. T.
Fishach, L. G.
Gillespie, H. C.
Hall, E. S.
Hazen, H. H.
Hill, E. C.
Hoffman, W. E.
Hoge, J. F. D.
Hollander, L. M.
Hutzler, L. S.
Keller, J. F.
Kenney, W. C.
King, J. H.
Koppelman, W. H.
Lindheim, N. R.
Love, J. M.
Macht, D. I.
McGlone, B.
Moore, R. E.
Murphy, L. C.
Pels, I. R.
Pinkerton, T. C.
Powers, H. W. S.
Putts, B. S.
Remsen, C. M.
Reynolds, W. F.
Sayler, J. A.
Schermerhorn, A. V. R.
Sisco, G. E.
Slemons, J. A.
Soavely, G. E.
Stone, H. B.
Strouse, S.
Turnbull, B.
Tyler, J. E.
Vickers, H. W.
Watkins, R. H.
Whitehead, R. F.
Whitehill, I. E.
Whitman, H. S.
Wolman, S.
Wroth, P.

Laboratory Work: Professor REMSEN, Professor MORSE, Professor RENOUF, Dr. GILPIN, Dr. H. C. JONES, and Assistants. Daily, 9 a. m. to 5 p. m. (113).

Abercrombie, R. T.
Barrett, J. T.
Beasley, E. B.
Beck, G. C.
Beeuwkes, H.
Bernheim, B. M.
Bernheim, E. P.
Bird, A. R.
Bird, R. M.
Black H. V.
Blanchard, W. M.
Boyer, N.
Brooks, C. E.
Brown, E. B.
Brown, J. R. C.
Buttner, W. J.
Bye, M.
Byrne, H. S.
Caldwell, B. P.
Campbell, J. G.
Canter, H.
Carter, J. D.
Case, W. A.
Caspari, C. E.
Chambers, V. J.
Chambliss, H.
Clark, C. T.
Clark, F. E.
Constantine, C. W.
Crane, R. T.
Dapprich, F. R.
Douglas, J. M.
Edmunds, C. K.
Fishach, L. G.
Flinn, F. B.
Frazer, J. C. W.
Garner, W. W.
Gillespie, H. C.
Hall, E. S.
Hancock, F. A.
Harris, C. D.
Hatch, E. C.
Hazen, H. H.
Hill, E. C.
Hoffman, W. E.
Hoge, J. F. D.
Hollander, L. M.
Horn, D. W.
Humphreys, R. E.
Hutzler, L. S.
James, W. McC.
Keller, J. F.
Kenney, W. C.
King, J. H.
King, S. H.
Koppelman, W. H.
Leopold, E. J.
Lindheim, N. R.
Lindsay, C. F.
Love, J. M.
Macht, D. I.
Mackall, L. L.
McGlone, B.
Moore, R. E.
Mower, F. D.
Murphy, L. C.
Neal, W. D.
Olsen, J. C.
Patterson, A. M.
Pels, I. R.
Pinkerton, T. C.
Porter, G. F.
Powers, H. W. S.
Putts, B. S.
Rehberger, G. E.
Rehberger, J. M.
Remsen, C. M.
Reynolds, W. F.
Riggins, J. A.
Robertson, C. B.
Russell, G. W.
Sayler, J. A.
Schaun, P. E.
Schermerhorn, A. V. R.
Schultz, C. H.
Shipley, S. D.
Shippen, L. P.
Shreve, O. F.
Simmons, W. W.
Sisco, G. E.
Slemons, J. A.
Smith, A. W.
Soavely, G. E.
Spencer, L. C.
Stone, H. B.
Straus, H. P.
Strouse, S.
Struth, O. A.
Swindell, W. B.
Taveau, R. de M.
Torrey, C. A.
Turnbull, B.
Tyler, J. E.
Vickers, H. W.
Washington, F. J.
Watkins, R. H.
West, A. P.
Whitehead, R. F.
Whitehill, I. E.
Whitman, H. S.
Wolman, S.
Wroth, P.
Yamaguchi, K.

Geology. (31 Students).

Classes meet in the Geological Laboratory.

Historical Geology: Professor CLARK. Tuesday and Wednesday, 9 a. m. (8).

Bonsteel, J. A.
Hindshaw, H. H.
Martin, G. C.
Neal, W. D.
Richardson, G. B.
Romine, A. P.
Rowe, R. B.
Wright, F. B.

Paleontology: (*Laboratory Work*): Professor CLARK and Dr. SHATTUCK. Daily. (8).

Bonsteel, J. A.
Duerden, J. E.
Martin, G. C.
Neal, W. D.
Richardson, G. B.
Romine, A. P.
Rowe, R. B.
Wright, F. B.

General Geology: (*Minor Geology*): Dr. SHATTUCK. Daily, except Friday, 1 p m. (19).

Baldauf, L. K.
Beck, G. C.
Bird, A. R.
Bonsteel, J. A.
Hall, E. S.
Harris, C. D.
Kerr, R. C.
Mackall, L. L.
Martin, G. C.
Neal, W. D.
Porter, G. F.
Richardson, G. B.
Romine, A. P.
Rowe, R. B.
Shipley, S. D.
Simmons, W. W.
West, A. P.
Wolf, M. W.
Wright, F. B.

Geological Physics: Associate Professor REID. Monday and Thursday, 9 a. m. (10).

Bonsteel, J. A.
Kent, N. A.
Neal, W. D.
Martin, G. C.
Parsons, L. A.
Pender, H.
Richardson, G. B.
Romine, A. P.
Tondorf, F. A.
Wright, F. B.

Advanced Mineralogy: Associate Professor MATHEWS. Monday, Wednesday, and Friday, 11 a. m. (7).

Bonsteel, J. A.
Martin, G. C.
Neal, W. D.
Richardson, G. B.
Romine, A. P.
Rowe, R. B.
Wright, F. B.

General Mineralogy: (*Major Geology*): Associate Professor MATHEWS. Daily, except Thursday, 12 m. (9).

Bonsteel, J. A.
Carter, J. D.
Eckenrode, H. J.
Flinn, F. B.
Neal, W. D.
Richardson, G. B.
Romine, A. P.
Taveau, R. de M.
Wright, A.

Physiographic Geology: Dr. SHATTUCK. Tuesday, 10 a. m. (7).

Bonsteel, J. A.
Martin, G. C.
Neal, W. D.
Romine, A. P.
Rowe, R. B.
Wright, F. B.

Journal Meeting: Professor CLARK. Tuesday, 11 a. m. (13).

Bibbins, A.
Bonsteel, J. A.
Fassig, O. L.
Hindshaw, H. H.
Martin, G. C.
Mathews, E. B.
Neal, W. D.
Reid, H. F.
Richardson, G. B.
Romine, A. P.
Rowe, R. B.
Shattuck, G. B.
Wright, F. B.

Biology. (104 Students).

Advanced Zoology: Professor BROOKS. Daily, Biological Laboratory. (9).

Curtis, W. C.
Duerden, J. E.
Eyster, J. A. E.
Grave, C.
Griffin, L. E.
Perkins, H. F.
Reese, A. M.
Shoemaker, D. N.
Stiles, P. G.

Zoological and Botanical Journal Club: Professor BROOKS, Associate Professor ANDREWS, Dr. D. S. JOHNSON. Friday, 11 a. m., Biological Laboratory. (14).

Barton, B. W.
Coker, W. C.
Curtis, W. C.
Drew, G. A.
Duerden, J. E.
Eyster, J. A. E.
Grave, C.
Griffin, L. E.
Metcalf, M. M.
Perkins, H. F.
Reese, A. M.
Shoemaker, D. N.
Stiles, P. G.
Woodruff, E. S.

Zoology: (*Major Biology*): Professor BROOKS and Dr. D. S. JOHNSON. Daily, except Monday, 9 a. m., Monday and Tuesday, 2–5 p. m., Biological Laboratory. (8).

Breed, A. A.
Eyster, J. A. E.
Glaser, O. C.
Perkins, H. F.
Rous, F. P.
Shoemaker, D. N.
Stiles, P. G.
Woodruff, E. S.

Physiological Journal Club: Professor HOWELL. Monday, 10 a. m., Physiological Laboratory. (6).

Dawson, P. M. Herrick, J. C. Stiles, P. G. Walden, E. C.
Dreyer, G. P. Hunt, R.

Physiological Seminary: Professor HOWELL. Monday 11 a. m., Physiological Laboratory. (6).

Dawson, P. M. Herrick, J, C. Stiles, P. G. Walden, E. C.
Dreyer, G. P. Hunt, R.

Animal Physiology: Professor HOWELL and Dr. DREYER. Wednesday, Thursday, and Friday, 2–5 p. m., from January to June, Physiological Laboratory.

Physiology of Respiration and Central Nervous System: Professor HOWELL. Wednesday and Thursday, 9 a. m., Physiological Laboratory. (62).

Graduate Students.

Herrick, J. C. Walden, E. C.

Medical Students (2d Year).

Auer, J. Eddy, D. L. Jones, T. M. Reede, E. H.
Briggs, J. B. Erving, W. G. Karsted, A. Riggins, E. N.
Browne, B. B. Ferry, N. S. Kimball, A. H. Rogers, C. P.
Bruns, B. M. Foster, N. B. Lehr, L. C. Scholl, G. B.
Bryan, W. M. C. Francis, W. W. L'Engle, E. M. Silverberg, M.
Bush, C. Frankenthal, M. A. Litchfield, G.V. Simpson, J. N.
Churchman, J.W. Glenny, W. H. Lootz, E. Steele, H. M.
Clarke, T. W. Grant, J. F. Ludlum, S. D. Tallaut, A. W.
Cook, H. W. Hardy, C. F. MacGregor, G. M. Tayler, L.
Coons, J. J. Haviland, M. L. Marshall, S. A. Van Arsdall, C. B.
Dohme, G. C. Haynes, M. S. McFarland, J. S. Van Denburgh, J.
Dolley, D. H. Hirshberg, L. K. Meisenhelder, E. W. Wight, O. B.
Dudley, H. Horst, C. H. Meisenhelder, J. E. Williams, C. L.
Duffy, R. Hyman, S. Ochsner, H. W. Williams, D.
Dunlop, J. Jelke, W. F. Pelton, G. I. Wright, C. B.

Physiology of Special Senses and Reproduction: Dr. DREYER. Tuesday and Friday, 9 a. m., Physiological Laboratory. (62).

[Same students as above].

Laboratory Work in Experimental Physiology: Professor HOWELL, Dr. DREYER, and Dr. DAWSON. Daily, except Monday, 10 a. m. to 1 p. m., October to January, Physiological Laboratory. (60).

[The medical students named above].

General Biology: (*Minor Course*): Associate Professor ANDREWS. Daily, except Tuesday, 10 a. m., Thursday and Friday, 2–5 p. m., Biological Laboratory. (30).

Baldauf, L. K. Heald, H. B. Ogle, M. B. Vickers, A. W.
Beeuwkes, C. J. Homer, H. L. Rehberger, G. E. Washington, F. J.
Constantine, C.W. King, J. H. Remsen, C. M. Whitehill, I. E.
Curtis, W. C. Kirby, F. J. Romine, A. P. Wingert, M.
DeGrange, M. Love, J. M. Shreve, O. F. Winslow, N.
Dew, A. G. Marshall, T. H. Struth, O. A. Woodruff, E. S.
Eyster, J. A. E. Mason, S. T. Taneyhill, G. L. Wright, A.
Hand, J. P. Moore, J. S.

Morphology of Plants: Dr. D. S. JOHNSON. Thursday and Friday, 12 m.; laboratory work, Thursday and Friday, 10 a. m. to 1 p. m., Tuesday, 2–5 p. m., Biological Laboratory. (3).

Coker, W. C. Eyster, J. A. E. Shoemaker, D. N.

Botany: (*Elective Course*): Dr. D. S. JOHNSON. Tuesday and Wednesday, 10 a. m., Biological Laboratory. (2).

Glaser, O. C. McAll, R. L.

Laboratory Work: Professor BROOKS, Professor HOWELL, Associate Professor ANDREWS, Dr. DREYER, Dr. D. S. JOHNSON, Dr. DREW, Dr. DAWSON. Daily, 9 a. m. to 5 p. m., Biological and Physiological Laboratories. (104).

Auer, J. Eyster, J. A. E. Lehr, L. C. Rous, F. P.
Baldauf, L. K. Ferry, S. L'Engle, E. M. Scholl, G. B.
Beeuwkes, C. J. Foster, N. B. Litchfield, G. V. Shoemaker, D. N.
Breed, A. A. Francis, W. W. Lootz, E. Shreve, O. F.
Briggs, J. B. Frankenthal, M. A. Love, J. M. Silverberg, M.
Browne, B. B. Glaser, O. C. Ludlum, S. D. Simpson, J. M.
Bruns, R. M. Glenny, W. H. MacGregor, G. M. Steele, H. M.
Bryan, W. M. C. Grant, J. F. Marshall, S. A. Stiles, P. G.
Bush, C. Grave, C. Marshall, T. H. Struth, O A.
Churchman, J. W. Griffin, L. E. Mason, S. T. Tallant, A. W.
Clarke, T. W. Hand, J. P. McAll, R. L. Taneyhill, G. L.
Coker, W. C. Hardy, C. F. McFarland, J. S. Tayler, L.
Constantine, C.W. Haviland, M. L. Meisenhelder, E. W. Van Arsdall, C. B.
Cook, H. W. Haynes, M. S. Meisenhelder, J. E. Van Denburgh, J.
Coons, J. J. Heald, H. B. Moore, J. S. Vickers, A. W.
Curtis, W. C. Herrick, J. C. Ochsner, H. W. Walden, E. C.
De Grange, M. Hirshberg, L. K. Ogle, M. B. Washington, F. J.
Dew, A. G. Homer, H. L. Pelton, G. I. Whitehill, I. E.
Dohme, G. C. Horst, C. H. Perkins, H. F. Wight, O. B.
Dolley, D. H. Hyman, S. Reede, E. H. Williams, C. L.
Dudley, H. Jelke, W. F. Reese, A. M. Williams, D.
Duerden, J. E. Jones, T. M. Rehberger, G. E. Wingert, M.
Duffy, R. Karsted, A. Remsen, C. M. Winslow, N.
Dunlop, J. Kimball, A. H. Riggins, E. N. Woodruff, E. S.
Eddy, D. L. King, J. H. Rogers, C. P. Wright, A.
Erving, W. G. Kirby, F. J. Romine, A. P. Wright, C. B.

Greek. (37 Students).

Classes meet in McCoy Hall.

Greek Seminary: *Thukydides:* Professor GILDERSLEEVE. Monday and Wednesday, 10 a. m., Room 14. (14).

Archibald, H. T. Foster, H. B. Nininger, M. L. Raney, L.
Austin, F. M. Foushee, W. L. Pyle, T. L. Smith, C. S.
Blackwell, I. H. Guernsey, R. Ragland, G. Spilman, E. A.
Edwards, P. H. McGuire, C. B.

Greek Historiography: Professor GILDERSLEEVE. Thursday, 10 a. m , Room 14. (16).

Archibald, H. T. Foote, T. C. Kern, J. W. Ragland, G.
Austin, F. M. Foster, H. B. McGuire, C. B. Raney, L.
Blackwell, I. H. Foushee, W. L. Nininger, M. L. Smith, C. S.
Edwards, P. H. Guernsey, R. Pyle, T. L. Spilman, E. A.

Practical Exercises: Professor GILDERSLEEVE. Tuesday and Friday, 10 a. m., Room 14. (13).

Archibald, H. T. Foushee, W. L. Nininger, M. L. Raney, L.
Blackwell, I. H. Guernsey, R. Pyle, T. L. Smith, C. S.
Edwards, P. H. McGuire, C. B. Ragland, G. Spilman, E. A.
Foster, H. B.

Thukydides: Associate Professor MILLER. Tuesday and Thursday, 9 a. m., Room 15. (11).

Archibald, H. T. Foster, H. B. McGuire, C. B. Ragland, G.
Blackwell, I. H. Foushee, W. L. Nininger, M. L. Spilman, E. A.
Edwards, P. H. Guernsey, R. Pyle, T. L.

Dio Chrysostom; Gospel of St. Mark: (*Undergraduate Elective*): Associate Professor SPIEKER. Tuesday, 10 a. m., Thursday, 9 a. m., Room 10. (5).

Anderson, R. B. T. Eager, J. H. Ewell, J. E. Purcell, T. N. D.
Burrell, J. L. A.

Thukydides, *Book VII:* (*Major Course*): Associate Professor SPIEKER. Monday, Tuesday, and Wednesday, 12 m., Room 10. (8).

Booker, J. M. Fishach, L. G. Manken, H. Powers, H. W. S.
Briscoe, J. S. Machen, J. G. Noble, E. R. Spencer, L. C.

Isokrates, *Panegyricus:* (*Minor Course*): Associate Professor SPIEKER. Tuesday, Wednesday, and Thursday, 1 p. m., Room 10. (7).

Dew, A. G. Heald, H. B. Nininger, M. L. Reider, C.
Hand, J. P. Mason, S. T. Ogle, M. B.

Homer and Prose Composition: Associate Professor MILLER. Monday, 10 a. m., Thursday and Friday, 1 p. m., Room 8. (2).

Hildt, J. C. Lowndes, C. H. G.

Prose Composition: Associate Professor SPIEKER.

Major Course: Friday, 12 m., Room 10. (8).

Booker, J. M. Fishach, L. G. Manken, H. Powers, H. W. S.
Briscoe, J. S. Machen, J. G. Noble, E. R. Spencer, L. C.

Minor Course: Monday, 1 p. m., Room 10. (7).

Dew, A. G. Heald, H. B. Nininger, M. L. Reider, C.
Hand, J. P. Mason, S. T. Ogle, M. B.

Latin. (57 Students).

Classes meet in McCoy Hall.

Latin Seminary: *Horace:* Associate Professor SMITH. Tuesday and Friday, 11 a. m., Room 15. (16).

Archibald, H. T. Edwards, P. H. Hulliben, W. Ragland, G.
Austin, F. M. Foote, T. C. McGuire, C. B. Raney, L.
Blackwell, I. H. Griffith, G. Nininger, M. L. Smith, C. S.
Canter, H. V. Guernsey, R. Pyle, T. L. Spilman, E. A.

Roman Satire: Associate Professor SMITH. Monday, 11 a. m., Room 15. (18).

Archibald, H. T. Foote, T. C. McGuire, C. B. Raney, L.
Austin, F. M. Foster, H. B. Nininger, M. L. Smith, C. S.
Blackwell, I. H. Griffith, G. Pyle, T. L. Sommerville, C.W.
Canter, H. V. Guernsey, R. Ragland, G. Spilman, E. A.
Edwards, P. H. Hulliben, W.

Petronius; Seneca's *Apocolocyntosis:* Associate Professor SMITH. Wednesday, 11 a. m., Room 15. (16).

Archibald, H. T. Edwards, P. H. Hulliben, W. Ragland, G.
Austin, F. M. Foote, T. C. McGuire, C. B. Raney, L.
Blackwell, I. H. Griffith, G. Nininger, M. L. Smith, C. S.
Canter, H. V. Guernsey, R. Pyle, T. L. Spilman, E. A.

Journal Club: Associate Professor SMITH. Wednesday, 12 m., Room 15. (16).

Archibald, H. T. Edwards, P. H. Hulliben, W. Ragland, G.
Austin, F. M. Foote, T. C. McGuire, C. B. Raney, L.
Blackwell, I. H. Griffith, G. Nininger, M. L. Smith, C. S.
Canter, H. V. Guernsey, R. Pyle, T. L. Spilman, E. A.

Latin Palæography: Dr. WILSON. Thursday, 11 a. m., Room 15. (17).

Archibald, H. T. Foote, T. C. McGuire, C. B. Raney, L.
Austin, F. M. Griffith, G. Nininger, M. L. Smith, C. S.
Blackwell, I. H. Guernsey, R. Pyle, T. L. Sommerville, C.W.
Canter. H. V. Hulliben, W. Ragland, G. Spilman, E. A.
Edwards, P. H.

Catullus; Tibullus; Propertius: (*Major Course*): Dr. WILSON. Wednesday, Thursday, and Friday, 10 a. m., Room 10. (8).

Briscoe, J. S. Fishach, L. G. Noble, E. R. Snavely, G. E.
Chambers, L. M. Machen, J. G Powers, H. W. S. Spencer, L. C.

Roman Literature: (*Minor Course*): Associate Professor SMITH. Tuesday, 9 a. m., Room 11. (15).

Baker, H. R. Diggs, R. M. Markell, C. Sharretts, R. C.
Bandel, B. B. Guggenheimer, F. L. Pearre, A. Smith, S.
Barnett, E. Kirk, W. Ranft, C. F. Strouse, E.
Cook, T. G. Marbury, O. Schmeisser, W. C.

Livy: (*Minor Course*): Dr. SUTPHEN. Wednesday, Thursday, and Friday, 9 a. m, Room 12. (25).

Baker, H. R. Hand, J. P. Mason, S. T. Ranft, C. F.
Bandel, B. B. Heald, H. B. Miller, H. C. Reider, C.
Barnett, E. Hildebrandt, L. F. Mower, McH. Schmeisser, W. C.
Dew, A. G. Kirk, W. Myers, C. A. Sharretts, R. C.
Diggs, R. M. Marbury, O. Ogle, M. B. Smith, S.
England, J T. Markell, C. Pearre, A. Strouse, E.
Guggenheimer, F. L.

Cicero: *de Senectute;* ***Prose Composition:*** Dr. SUTPHEN. Wednesday, Thursday, and Friday, 10 a. m., Room 8. (4).

Hildt, J. C. Hoffman, R. C. Lowndes, C. H. G. White, L. J.

Prose Composition:

Major Course: Dr. WILSON. Monday, 10 a. m., Room 10. (9).

Briscoe, J. S. Machen, J. G. Noble, E. R. Snavely, G. E.
Chambers, L. M. Mulford, R. J. Powers, H. W S Spencer, L. C.
Fishach, L. G.

Minor Course: Dr. SUTPHEN. Tuesday, 9 a. m., Room 12. (11).

Dew, A. G. Heald, H. B. Miller, H. C. Ogle, M. B.
England, J. T. Hildebrandt, L. F. Mower, McH. Reider, C.
Hand, J. P. Mason, S. T. Myers, C. A.

Sanskrit and Comparative Philology. (36 Students).

Classes meet in McCoy Hall, Room 19.

Comparative Philology: Professor BLOOMFIELD. Monday, 4 p. m. (22).

Anderson, R. B. T. Ewell, J. E. Myers, W. S. Schneider, J. P.
Austin, F. M. Griffin, J. W. Nininger, M. L. Stephens, J. C.
Burrell, J. L. A. Groome, P. L. Purcell, T. N. D. Turnbull, B.
Drenford, G. Hill, H. D. Raney, L. Visvanath, S. J.
Drewry, W. S. Kern, J. W. Roulston, R. B. Weaver, C. C.
Eager, J. H. Martin, W. E.

Comparative Grammar of Indo-European Consonants: Professor BLOOMFIELD. Friday, 4 p. m. (15).

Archibald, H. T. Ewing, A. H. Nininger, M. L. Smith, C. S.
Austin, F. M. Foster, H. B. Pyle, T. L. Spilman, E. A.
Blackwell, I. H. Guernsey, R. Ragland, G. Visvanath, J. S.
Drenford, G. Lyon, C. E. Raney, L.

Vedic Seminary: *The Atharva-Veda:* Professor BLOOMFIELD. Thursday, 12 m. (7).

Blake, F. R. Ewing, A. H. Kern, J. W. Ness, J. A.
Drenford, G. Foster, H. B. Kurrelmeyer, H.

The Chāndogya-Upanisad: Professor BLOOMFIELD. Tuesday, 12 m. (6).

Blake, F. R. Ewing, A. H. Kern, J. W. Ness, J. A.
Drenford, G. Foster, H. B.

Advanced Sanskrit: *Hitopadeça; Manu:* Professor BLOOMFIELD. Monday and Friday, 12 m. (8).

Archibald, H. T. Drenford, G. Guernsey, R. Ragland, G.
Blackwell, I. H. Ewing, A. H. Pyle, T. L. Smith, C. S.

Elementary Sanskrit: *Whitney's Grammar; Lanman's Reader:* Professor BLOOMFIELD. Tuesday and Thursday, 4 p. m. (6).

Drenford, G. Nininger, M. L. Spilman, E. A. Visvanath, S. J.
Edwards, P. H. Raney, L.

Oriental Seminary. (29 Students).

Classes meet in the Dillmann Library, McCoy Hall, Room 18.

The Literature of the Old Testament: Professor HAUPT. Friday, 5 p. m. (12).

Arnold, B. W. Ember, A. Groome, P. L. Richardson, G. B.
Bird, R. M. Foote, T. C. Hollander, L. M. Shoemaker, D. N.
Blake, F. R. Grimm, K. J. Martin, W. E. Wolman, S.

History of Israel: Dr. JOHNSTON. Tuesday, 4 p. m. (15).

Blake, F. R. Caldwell, W. Groome, P. L. Myers, W. S.
Bouchelle, B. N. DeGrange, M. Litsinger, W. H. Roulston, R B.
Brady, J. H. Ewell, J. E. Martin, W. E. Wicker, W. C
Burrell, J. L. A. Foote, T. C. McPherson, W. B.

Elementary Hebrew: Professor HAUPT and Mr. BLAKE. Monday, 2–4 p m. (8).

Anderson, R. B. T. Ewell, J. E. Manken, H. Schneider, J. P.
Ember, A. Litsinger, W. H. Roulston, R. B. Wicker, W. C.

Hebrew Grammar: Dr. GRIMM. Monday, 4 p. m. (4).

Blake, F. R. Foote, T. C. Guttmacher, A. Wicker, W. C.

Hebrew at Sight: Dr. JOHNSTON. Tuesday, 10 a. m. (5).

Blake, F. R. Foote, T. C. McPherson, W. B, Wicker, W. C.
Ember, A.

Hebrew Prose Composition: Professor HAUPT Wednesday, 4 p. m. (6).

Blake, F. R. Foote, T. C. McPherson, W. B. Wicker, W. C.
Ember, A. Grimm, K. J.

Old Testament Seminary: *Deutero-Isaiah:* Professor HAUPT. Tuesday, 2–4 p. m. (7).

Blake, F. R. Ember, A. Grimm, K. J. Wicker, W. C.
Caldwell, W. Foote, T. C. McPherson, W. B.

Post-Biblical Hebrew: *Mishnah and Talmud:* Mr. ROSENAU. Friday, 2–4 p. m. (2).

Blake, F. R. Grimm, K. J.

Syriac: Dr. JOHNSTON. Friday, 10 a. m. (2).

Blake, F. R. McPherson, W. B.

Ethiopic: (*Second Year*): Professor HAUPT. Friday, 4 p. m. (3).

Blake, F. R. Foote, T. C. Grimm, K. J.

Elementary Arabic: Dr. JOHNSTON. Tuesday, 9 a. m. (3).

Dennis, J. T. Foote, T. C. Wicker, W. C.

Arabic at Sight: Dr. JOHNSTON. Friday, 11 a. m. (5).

Blake, F. R. Ewing, A. H. Grimm, K. J. McPherson, W. B.
Caldwell, W.

Arabic Prose Composition: Professor HAUPT. Wednesday, 4 p. m. (6).

Blake, F. R. Foote, T. C. McPherson, W. B. Wicker, W. C.
Ewing, A H. Grimm, K. J.

Assyrian: (*Second Year*): Dr. JOHNSTON. Wednesday and Friday, 12 m. (3).

Blake, F. R. Foote, T. C. McPherson, W. B.

Assyrian Prose Composition: Professor HAUPT. Wednesday, 4 p. m. (4).

Blake, F. R. Foote, T. C. Grimm, K. J. McPherson, W. B.

Assyrian Seminary: (*Nimrod Epic*): Professor HAUPT. Wednesday, 2 p. m. (4).

Blake, F. R. Foote, T. C. Grimm, K. J. McPherson, W. B.

Comparative Semitic Syntax: Professor HAUPT. Wednesday, 3 p. m. (6).

Blake, F. R. Foote, T. C. McPherson, W. B. Wicker, W. C.
Ember, A. Grimm, K. J.

Old Egyptian: (*Second Year*): Dr. JOHNSTON. Wednesday, 11 a m. (5).

Blake, F. R. Foote, T. C. Grimm, K. J. McPherson, W. B.
Dennis, J. T.

Old Egyptian: (*Elementary*): Dr. JOHNSTON. Tuesday, 1 p. m. (1).

De Grange, M.

Coptic: Dr. JOHNSTON. Tuesday, 11 a. m., Thursday, 9 a. m. (6).

Blake, F. R. Dennis, J. T. Grimm, K. J. McPherson, W. B.
De Grange, M. Foote, T. C.

English. (153 Students).

Classes meet in McCoy Hall.

English Seminary: *Epic poetry, especially Milton's Paradise Lost and Paradise Regained; and Beowulf:* Professor BRIGHT. Tuesday and Thursday, 3–5 p. m., Room 4. (15).

Brown, G. D. Farr, J. M. Heald, E. de F. Miller, R. D.
Crenshaw, J. B. Fosnocht, E. B. Huguenin, J. Schneider, J. P.
Eckenrode, H. J. Griffith, G. Kennedy, J. B. West, H. S.
Embry, J. Hagen, S. N. Miles, L. W.

English Grammar: *Lectures on Anglo-Saxon Grammar:* Professor BRIGHT. Thursday, 12 m, Room 12. (8).

Brown, G. D. Farr, J. M. Hagen, S. N. Huguenin, J.
Embry, J. Griffith, G. Heald, E. de F. Miles, L. W.

Mediæval Literature: *Havelok the Dane:* Professor BRIGHT. Monday, 11 a. m., Room 4. (10).

Brown, G. D. Griffith, G. Huguenin, J. Miles, L. W.
Embry, J. Hagen, S. N. Kennedy, J. B. Miller, R. D.
Farr, J. M. Heald, E. de F.

Journal Meeting: Professor BRIGHT. Alternate Fridays, 4–6 p. m., Room 4. (15).

Brown, G. D. Farr, J. M. Heald, E. de F. Miller, R D.
Crenshaw, J. B. Fosnocht, E. B. Huguenin, J. Schneider, J. P.
Eckenrode, H. J. Griffith, G. Kennedy, J. B. West, H. S.
Embry, J. Hagen, S. N. Miles, L. W.

Anglo-Saxon: *Bright's Anglo-Saxon Reader:* (*Major English*): Dr. WEST. Tuesday, 11 a. m., Room 8, Thursday, 10 a. m., Room 10. (6).

Eckenrode, H. J. Kennedy, J B. Miller, R. D. Smull, M. N.
Ember, A. Lotspeich, C. M.

Literary History of the English Bible; Scottish Poets from Lyndsay to Burns: *(For Graduates)*: Professor BROWNE. Wednesday, 11 a. m., Room 8. (8).

Brown, G. D. Farr, J. M. Heald, E. de F. Kennedy, J. B.
Eckenrode, H. J. Hagen, S. N. Huguenin, J. Wicker, W. C.

Elizabethan Literature; Early Scottish Poets: *(Major English)*: Professor BROWNE. Tuesday and Friday, 12 m., Room 8. (4).

Ember, A. Embry, J. Peters, J. G. Smull, M. N.

Early English Texts; English Literature: *(Minor English)*: Professor BROWNE. Daily, except Friday, 1 p. m., Room 6. (12).

Abercrombie, R. T. Clark, C. T. Hollander, L. M. Myers, C. A.
Brooks, C. E. Cook, T. G. Lowndes, E. Rayner, A. W.
Bruce, E. S. Hildebrandt, L. F. Mower, McH. Winslow, N.

English Literature: *(Undergraduate Elective)*: Professor GREENE. Thursday, 12 m., Friday, 1 p. m., Room 9. (14).

Beeuwkes, C. J. Hill, J. P. Moore, J. S. Smull, M. N.
De Grange, M. Liddell, D. M. Peters, J. G. Stephens, J. C.
Glaser, O. C. Marshall, T. H. Roulston, R. B. Turnbull, B.
Griffin, J. W. Miller, R. D.

English Literature: *(Required Undergraduate Course)*: Professor GREENE. Monday, 9 a. m., Tuesday, 10 a. m., Wednesday, 11 a. m., Room 11. (52).

Abercrombie, R. T. Cronin, F. H. Leopold, E. J. Shreve, O. F.
Baker, H. R. Dapprich, F. R. Machen, J. G. Snavely, G. E.
Baldauf, L. K. Deen, E. W. Morgan, S. C. Spencer, L. C.
Bandel, J. M. Duck, R. S. Morse, R. B. Stein, J. S.
Bird, A. R. Fishach, L. G. Mower, F. D. Strouse, E.
Booker, J. M. Flinn, F. B. Noble, E. R. Struth, O. A.
Boyer, N. Griffin, E. J. Powers, H. W. S. Swindell, W. B.
Briscoe, J. S. Griffith, W. A. Ratfel, H. B. Tyler, J. E.
Brown, E. B. Harris, W. H. Rehberger, G. E. Vogeler, C. A.
Bruton, A. W. Hatch, E. C. Riggins, J. A. Warner, H. M.
Bye, M. Hollander, L. M. Routh, J. E. Washington, F. J.
Byrne, H. S. James, W. McC. Sayler, J. A. West, A. P.
Constantine, C. W. Kohn, W. I. Shippen, L. P. Wolf, M. W.

Rhetoric and English Composition: Professor GREENE and Dr. WEST. Monday, Tuesday, and Wednesday, 12 m., Room 11. (65).

Bandel, B. B. Harris, W. H. Marbury, O. Reider, C.
Barnett, E. Hazen, H. H. Markell, C. Reynolds, W. F.
Beasley, E. B. Heald, H. B. Mason, S. T. Schaun, P. E.
Beeuwkes, H. Hildebrandt, L. F. McGlone, B. Schmeisser, W. C.
Bernheim, E. P. Hill, E. C. Miller, H. C. Sharretts, R. C.
Buttner, W. J. Hill, W. B. Mower, McH. Sisco, G. E.
Cameron, P. J. S. Hoge, J. F. D. Moore, R. E. Slemons, J. A.
Campbell, J. G. Hoffman, W. E. Murphy, L. C. Smith, S.
Crane, R. T. Hutzler, L. S. Myers, C. A. Snavely, G. E.
Dew, A. G. Kenney, W. C. Ogle, M. B. Sneeringer, W. J.
Diggs, R. M. Kirk, W. Pearre, A. Stone, H. B.
England, J. T. Knapp, A. M. Pels, I. R. Strouse, S.
Gillespie, H. C. Kohn, W. I. Pinkerton, T. C. White, L. J.
Golladay, R. E. Koppelman, W. H. Putts, B. S. Wicker, W. C.
Griffin, E. J. Law, H. B. Ranft, C. F. Wolman, S.
Guggenheimer, F. L. Macht, D. I. Rayner, A. W. Wroth, P.
Hand, J. P.

German. (117 Students).

Classes meet in McCoy Hall.

German Seminary: *Goethe's Faust*: Professor WOOD. Tuesday, Thursday, and Friday, 10 a. m., Room 4. (11).

Fosnocht, E. B. Hicks, F. C. Lotspeich, C. M. Morrison, A. J.
Glascock, C. C. Hofmann, J. Lyon, C. E. Schneider, J. P.
Heald, E. de F. Kurrelmeyer, H. Miles, L. W.

Germanic Society: Professor WOOD. Fortnightly, Thursday, 4–6 p. m., Room 4. (14).

Embry, J. Hagen, S. N. Kurrelmeyer, H. Miles, L. W.
Farr, J. M. Heald, E. de F. Lotspeich, C. M. Morrison, A. J.
Fosnocht, E. B. Hicks, F. C. Lyon, C. E. Schneider, J. P.
Glascock, C. C. Hofmann, J.

Gothic: Professor WOOD. Wednesday and Thursday, 11 a. m., Room 4. (5).

Embry, J. Kurrelmeyer, H. Lotspeich, C. M. Miles, L. W.
Fosnocht, E. B.

Old Norse: *The Edda*: Professor WOOD. Wednesday, 10 a. m., Room 4. (7).

Farr, J. M. Hagen, S. N. Hofmann, J. Schneider, J. P.
Glascock, C. C. Hicks, F. C. Lyon, C. E.

Beginnings of German Classicism: Professor WOOD. Monday, 12 m., Room 4. (10).

Fosnocht, E. B. Hofmann, J. Lyon, C. E. Morrison, A. J.
Glascock, C. C. Kurrelmeyer, N. Miles, L. W. Schneider, J. P.
Hicks, F. C. Lotspeich, C. M.

Old High German: *Alliterative Poetry*: Associate Professor VOS. Tuesday and Friday, 12 m., Room 12. (7).

Glascock, C. C. Hicks, F. C. Lotspeich, C. M. Schneider, J. P.
Hagen, S. N. Kurrelmeyer, H. Lyon, C. E.

Middle High German: Associate Professor VOS. Monday and Thursday, 9 a. m., Room 12. (4).

Embry, J. Fosnocht, E. B. Kurrelmeyer, H. Lotspeich, C. M.

English Influence on German Literature in the XVIII Century: Dr. BAKER. Thursday, 1 p. m., Room 12. (6).

Glascock, C. C. Huguenin, J. Morrison, A. J. Schneider, J. P.
Hagen, S. N. Lyon, C. E.

Major Course.

History of German Literature: Associate Professor VOS. Monday; ***Goethe,*** *Faust*: Professor WOOD. Tuesday and Friday; ***Prose Composition:*** Professor WOOD and Mr. HOFMANN. Thursday, 11 a. m., Room 6. (15).

Baldauf, L. K. Hazen, H. H. Macht, D. I. Shreve, O. F.
Brown, E. B. Hildebrandt, L. F. Miller, H. C. Washington, F. J.
Dapprich, F. R. Koppelman, W. H. Myers, C. A. Wolman, S.
Embry, J. Lowndes, E. Schmeisser, W. C.

Minor Course A.

Prose Composition: Professor WOOD. Monday; ***Prose Readings and Classics:*** Associate Professor VOS. Tuesday, Thursday, and Friday, 11 a. m., Room 11. (41).

Baker, H. R. Guggenheimer, F. L. McGlone, B. Sharretts, R. C.
Bandel, B. B. Hill, W. B. Moore, R. E. Sisco, G. E.
Beasley, E. B. Hoffman, W. E. Mower, McH. Slemons, J. A.
Briscoe, J. S. Hutzler, L. S. Pearre, A., Jr. Smith, S.
Buttner, W. J. James, W. McC. Pels, I. R. Snavely, G. E.
Campbell, J. G. Kenney, W. C. Pinkerton, T. C. Stone, H. B.
Crane, R. T. Kirk, W. Putts, B. S. Strouse, S.
Diggs, R. M. Lisberger, S. J. Ranft, C. F. Warner, H. M.
England, J. T. Marbury, O. Reynolds, W. F. White, L. J.
Gillespie, H. C. McAll, R. L. Schaun, P. E. Wroth, P.
Griffin, E. J.

Minor Course B.

Otis, *Elementary German*: ***Brandt,*** *German Reader*: Dr. BAKER. Daily, except Wednesday, 11 a. m., Room 8. (13).

Bernheim, E. P. Knapp, A. M. Murphy, L. C. Vickers, H. W.
Booker, J. M. Machen, J. G. Noble, E. R. Woodruff, E. S.
Harris, C. D. Markell, C. Spencer, L. C. Yamaguchi, K.
Hill, E. C.

Elementary German: Associate Professor VOS. Tuesday, Wednesday, and Friday, 9 a. m., Room 6. (8).

Brady, J. H. Hildt, J. C. Kennedy, J. B. Shippen, L. P.
Cameron, P. J. S. Hoffman, R. C. Law, H. B. Sneeringer, W. J.

Elective Courses.

Scientific Readings: *Dippold, Scientific German Reader; Brandt and Day, German Scientific Readings*: Dr. BAKER. Monday and Thursday, 5 p. m., Room 8. (12).

Baldauf, L. K. Duerden, J. E. Rous, F. P. Taneyhill, G. L.
Bye, M. Richardson, G. B. Smith, A. W. Winslow, N.
Chambliss, H. Riggins, J. A. Smith, W. L. Wright, A.

Readings in Contemporary German Literature: *Ebner-Eschenbach, Miterlebtes*: Dr. BAKER. Monday, 9 a. m., Tuesday, 10 a. m., Room 8. (4).

Golladay, R. E. Heyman, S. Schermerhorn, A. V. R. Whitman, H. S.

Special Courses.

Historical Readings: *Hoffman, Historische Erzählungen; Lange, Athen im Spiegel der Aristophanischen Komödie: (For Graduates)*: Dr. BAKER. Monday and Friday, 1 p. m., Room 12. (10).

Austin, F. M. Groome, P. L. McGuire, C. B. Raney, L.
Caldwell, W. Kilby, B. Mulford, R. J. Weaver, C. C.
Griffith, G. Martin, W. E.

Oral Exercises: Mr. HOFMANN. Tuesday and Wednesday, 9 a. m., Room 10. (8).

Brown, G. D. Hicks, F. C. Lyon, C. E. Roulston, R. B.
Glascock, C. C. Lotspeich, C. M. Miles, L. W. Schneider, J. P.

Romance Languages. (87 Students).

Classes meet in McCoy Hall.

Advanced Courses.

French Seminary: Professor ELLIOTT. Tuesday, 11 a. m. to 1 p. m., Room 2. (6).

Batchelder, J. D. Gould, W. E. Shaw, J. E. Stidman, A. G.
Crenshaw, J. B. Moscmiller, C. A.

French Dialects: Professor ELLIOTT. Monday, 11 a. m., Room 2. (8).

Batchelder, J. D. Dawson, E. R. Gould, W. E. Morrison, A. J.
Critchlow, F. L. Frost, F. L. Harry, P. W. Stidman, A. G.

French Physiological Phonetics: Professor ELLIOTT. Wednesday, 12 m., Room 2. (13).

Critchlow, F. L. Fosnocht, E. B. Kurrelmeyer, H. Morrison, A. J.
Curdy, A. E. Frost, F. L. Lotspeich, C. M. Stidman, A. G.
Dawson, E. R. Harry, P. W. Miles, L. W. Teillard, X.
Embry, J.

French Historical Grammar: Dr. ARMSTRONG. Monday and Wednesday, 10 a. m.; Friday, 9 a. m., Room 2. (12).

Brown, G. D. Dawson, E. R. Hicks, F. C. Miles, L. W.
Critchlow, F. L. Fosnocht, E. B. Kurrelmeyer, H. Morrison, A. J.
Curdy, A. E. Harry, P. W. Lotspeich, C. M. Weston, K. E.

Advanced Old French Readings: Dr. BRUSH. Wednesday, 2–4 p. m., Room 7. (3).

Canter, H. V. Critchlow, F. L. Hicks, F. C.

Elementary Old French Readings: Dr. ARMSTRONG. Wednesday, 3 p. m., Room 2. (9).

Curdy, A. E. Fosnocht, E. B. Kurrelmeyer, H. Morrison, A. J.
Dawson, E. R. Harry, P. W. Lotspeich, C. M. Teillard, X.
Embry, J.

French Lyrics: Dr. OGDEN. Friday, 11 a. m., Room 2. (12).

Batchelder, J. D. Dawson, E. R. Harry, P. W. Lyon, C. E.
Critchlow, F. L. Fosnocht, E. B. Hicks, F. C. Morrison, A. J.
Curdy, A. E. Gould, W. E. Kurrelmeyer, H. Stidman, A. G.

French Conversation: Mr. TEILLARD. Wednesday, 4 p. m., Room 2. (10).

Boyer, N. Curdy, A. E. Lotspeich, C. M. Rehberger, G. E.
Crenshaw, J. B. Harry, P. W. Morrison, A. J. Struth, O. A.
Critchlow, F. L. Hicks, F. C.

Popular Latin: Professor ELLIOTT. Monday, 12 m., Room 2. (3).

Batchelder, J. D. Gould, W. E. Frost, F. L.

Old Provençal: Dr ARMSTRONG. Thursday, 9 a. m., Room 2. (7).

Batchelder, J. D. Curdy, A. E. Morrison, A. J. Shaw, J. E.
Critchlow, F. L. Gould, W. E. Mosemiller, C. A.

Spanish Seminary: Associate Professor MARDEN. Thursday, 11 a. m., Room 2. (3).

Batchelder, J. D. Frost, F. L. Gould, W. E.

Spanish Philology: Associate Professor MARDEN. Tuesday and Friday, 10 a. m., Room 2. (4).

Batchelder, J. D. Canter, H. V. Frost, F. L. Gould, W. E.

Old Spanish Readings: Associate Professor MARDEN. Friday, 12 m. (5).

Canter, H. V. Curdy, A. E. Harry, P. W. Morrison, A. J.
Critchlow, F. L.

Early Spanish Drama: Associate Professor MARDEN. Thursday, 12 m., Room 2. (8).

Batchelder, J. D. Critchlow, F. L. Frost, F. L. Harry, P. W.
Canter, H. V. Curdy, A. E. Gould, W. E. Morrison, A. J.

Methodology of the Romance Languages: Dr. KEIDEL. Monday, 9 a. m., Room 2. (5).

Critchlow, F. L. Dawson, E. R. Harry, P. W. Morrison, A. J.
Curdy, A. E.

Romance Club: Professor ELLIOTT. Wednesday, 11 a. m., Room 2. (11).

Batchelder, J. D. Dawson, E. R. Morrison, A. J. Stidman, A. G.
Critchlow, F. L. Frost, F. L. Mosemiller, C. A. Teillard, X.
Curdy, A. E. Harry, P. W. Shaw, J. E.

Undergraduate Courses.

French: (*Major Course*): Dr. BRUSH. Monday, Wednesday, and Friday; Dr. OGDEN, Thursday, 10 a.m., Room 7. (7).

Crane, R. T. Lowndes, E. Sayler, J. A. Tyler, J. E.
Hill, J. P. Peters, J. G. Swindell, W. B.

French: (*Minor Course, Class A*): Dr. ARMSTRONG. Daily, except Thursday, 12 m., Room 7. (20).

Anderson, R. B. T. Eager, J. H. Leopold, E. J. Raffel, H. B.
Cook, T. G. Griffin, J. W. Lisberger, S. J. Rehberger, G. E.
Cronin, F. H. Griffith, W. A. McAll, R. L. Stein, J. S.
Dapprich, F. R. Hatch, E. C. Morse, R. B. Struth, O. A.
Duck, R. S. Hoffman, R. C. Purcell, T. N. D. Vogeler, C. A.

French: (*Minor Course, Class B*): Dr. OGDEN. Daily, except Thursday, 12 m., Room 6. (10).

Beck, G. C. Constantine, C.W. Kennedy, J. B. Mower, F. D.
Bernheim, B. M. Ewell, J. E. Liddell, D. M. Strouse, E.
Burrell, J. L. A. Griffith, G.

French: (*Elementary Course*): Dr. BRUSH. Monday and Tuesday, 11 a. m., Room 7; Wednesday, 12 m., Room 8. (3).

Hattori, Y. Hildt, J. C. Lowndes, C. H. G.

French: (*Elective Course*): Dr. OGDEN. Thursday and Friday, 1 p. m., Room 11. (5).

Ember, A. Smith, W. L. Warner, H. M. Whitman, H. S.
Foote, T. C.

Italian: (*Minor Course*): Dr. BRUSH. Monday, 9 a. m., Room 6; Tuesday, Thursday, and Friday, 9 a. m., Room 7. (3).

Greene, J. D. Hullihen, W. Taneyhill, G. L.

Italian: (*Elective Course*): Dr. OGDEN. Monday, 10 a. m., Thursday, 11 a. m. (4).

Ember, A. Farr, J. M. Hagen, S. N. Huguenin, J.

Spanish: (*Minor Course*): Associate Professor MARDEN. Daily, except Monday, 9 a. m., Room 8. (8).

Bandel, J. M. Ember, A. Hill, W. B. Norton, E. L.
Bruce, E. S. Heyman, S. Kohn, W. I. Stephens, J. C.

Spanish: (*Elective Course*): Associate Professor MARDEN. Monday, 9 a. m., Friday, 1 p. m., Room 10. (5).

Farr, J. M. Huguenin, J. Lowndes, E. Weston, K. E.
Foster, F.

Special Courses.

Spanish: (*Conversation Course*): Mr. GOULD. Monday and Tuesday, 4 p. m., Room 8. (7).

Boyer, N. De Grange, M. Harry, P. W. Thomsen, J. J.
Crenshaw, J. B. Grasty, J. S. Norton, E. L.

Spanish: (*Commercial Course*): Mr. GOULD. Thursday and Friday, 4 p. m., Room 8. (5).

Bandel, J. M. Harry, P. W. Hollander, L. M. Thomsen, J. J.
Crenshaw, J. B.

History, Politics, and Economics. (118 Students).

Classes meet in McCoy Hall.

Historical Seminary: Professor ADAMS. Alternate Fridays, 8 p. m., Room 25. (21).

Arnold, B. W. Fisher, F. C. Johnson, E. C. Radcliffe, G. L. P.
Ayer, J. C. Groome, P. L. Kilby, B. Smith, V. E.
Barnett, G. E. Hanna, H. S. Martin, W. E. Snavely, C.
Brander, W. W. Harry, J. W. Mulford, R. J. Thorson, I. A.
Cator, G. Hattori, Y. Myers, W. S. Weaver, C. C.
Drewry, W. S.

Early History of Institutions: Professor ADAMS. Wednesday and Thursday, 11 a. m., Room 25. (20).

Arnold, B. W. Fisher, F. C. Johnson, E. C. Peters, J. G.
Ayer, J. C. Groome, P. L. Kilby, B. Radcliffe, G. L. P.
Barnett, G. E. Hanna, H. S. Martin, W. E. Smith, V. E.
Cator, G. Harry, J. W. Mulford, R. J. Thorson, I. A.
Drewry, W. S. Hattori, Y. Myers, W. S. Weaver, C. C.

Educational Conference: Professor ADAMS. Friday, 11 a. m., Room 25. (18).

Arnold, B. W. Groome, P. L. Kilby, B. Smith, V. E.
Ayer, J. C. Hanna, H. S. Martin, W. E. Snavely, C.
Barnett, G. E. Harry, J. W. Myers, W. S. Thorson, I. A.
Brander, W. W. Hattori, Y. Radcliffe, G. L. P. Weaver, C. C.
Drewry, W. S. Johnson, E. C.

History of Civilization: (*Major History*): Professor ADAMS. Monday and Tuesday, 11 a. m., Room 24. (27).

Bandel, J. M. Byrne, H. S. Johnson, E. C. Sayler, J. A.
Beeuwkes, H. Deen, E. W. Kilby, B. Stein, J. S.
Bernheim, E. P. Duck, R. S. Kohn, W. I. Swindell, W. B.
Bird, A. R. Flinn, F. B. Morgan, S. C. Tyler, J. E.
Boyer, N. Griffith, W. A. Peters, J. G. Weaver, C. C.
Bruton, A. W. Harris, W. H. Raffel, H. B. Whitman, H. S.
Bye, M. Hollander, L. M. Riggins, J. A.

Historical Conference: Associate Professor VINCENT. Friday, 10 a. m., Room 23. (8).

Brander, W. W. Drewry, W. S. Kilby, B. Smith, V. E.
Caldwell, W. Groome, P. L. Martin W. E. Thorson, I. A.

Reformation: Associate Professor VINCENT. Tuesday and Thursday, 10 a. m., Room 23. (17).

Brander, W. W. Hanna, H. S. Litsinger, W. H. Radcliffe, G. L. P.
Caldwell, W. Harry, J. W. Martin, W. E. Smith, V. E.
Drewry, W. S. Johnson, E. C. Mulford, R. J. Thorson, I. A.
Fisher, F. C. Kilby, B. Myers, W. S. Weaver, C. C.
Groome, P. L.

European History: (*Major History*): Associate Professor VINCENT. Thursday and Friday, 11 a. m., Room 23. (23).

Bandel, J. M. Bye, M. Harris, W. H. Stein, J. S.
Beeuwkes, H. Byrne, H. S. Kohn, W. I. Swindell, W. B.
Bernheim, B. M. Deen, E. W. Morgan, S. C. Tyler, J. E.
Bird, A. R. Duck, R. S. Raffel, H. B. Vogeler, C. A.
Boyer, N. Flinn, F. B. Riggins, J. A. Whitman, H. S.
Bruton, A. W. Griffith, W. A. Sayler, J. A.

Historical Politics: (*History-Economics Course*): Associate Professor VINCENT. Monday and Wednesday, 10 a. m., Room 23. (32).

Abercrombie, R. T. Eager, J. H. Kerr, R. C. Roulston, R. B.
Anderson, R. B. T. Ewell, J. E. Leopold, E. J. Rous, F. B.
Baetjer, H. Foster, F. McAll, R. Routh, J. E.
Booker, J. M. Grasty, J. S. Mackall, L. L. Smith, W. L.
Breed, A. A. Greene, J. D. Manken, H. Spencer, E. M.
Brooks, C. E. Griffin, J. W. Morgan, S. C. Stephens, J. C.
Burrell, J. L. A. Hyde, E. P. Purcell, T. N. D. Turnbull, B.
Deen, E. W. James, W. McC. Riggins, J. A. West, A. P.

Diplomatic History of the Confederacy: Dr. CALLAHAN. Monday and Wednesday, 10 a. m., Room 25. (8).

Drewry, W. S. Kilby, B. Radcliffe, G. L. P. Thorson, I. A.
Harry, J. W. Martin, W. E. Snavely, C. Weaver, C. C.

General History Examinations: Dr. BALLAGH. Tuesday, 11 a. m., Room 20. (7).

Brander, W. W. Groome, P. L. Radcliffe, G. L. P. Weaver, C. C.
Drewry, W. S. Myers, W. S. Snavely, C.

Southern History: Dr. BALLAGH. Friday, 12 m., Room 20. (5)

Drewry, W. S. Martin, W. E. Peters, J. G. Weaver, C. C.
Groome, P. L.

Classical and Early European History: (*Minor History*): Dr. BALLAGH. Daily, except Tuesday, 10 a. m., Room 20. (20).

Bandel, B. B. Ford, C. E. Hill, W. B. Ranft, C. F.
Bandel, J. M. Griffith, W. A. Kirk, W. Schmeisser, W. C.
Barnett, E. Guggenheimer, F. L. Marbury, O. Sharretts, R. C.
Cook, T. G. Hatch, E. C. Markell, C. Smith, S.
Diggs, R. M. Hill, E. C. Pearre, A. Stronse, E.

Political Conference: Dr. WILLOUGHBY. Alternate Tuesdays, 8 p. m. (6).

Brander, W. W. Mulford, R. J. Thorson, I. A. Weaver, C. C.
Johnson, E. C. Radcliffe, G. L. P.

Comparative Constitutional Law: Dr. WILLOUGHBY. Wednesday and Thursday, 12 m., Room 20. (8).

Brander, W. W. Harry, J. W. Kilby, B. Radcliffe, G. L. P.
Hanna, H. S. Johnson, E. C. Mulford, R. J. Weaver, C. C.

History of Political Philosophy: Dr. WILLOUGHBY. Monday and Tuesday, 12 m., Room 20. (13).

Ayer, J. C. Harry, J. W. Kilby, B. Thorson, I. A.
Brander, W. W. Hattori, Y. Mulford, R. J. Visvanath, S. J.
Fisher, F. C. Johnson, E. C. Radcliffe, G. L. P. Weaver, C. C.
Hanna, H. S.

American Political and Constitutional History: (*Major Politics*): Dr. STEINER. Monday and Tuesday, 12 m., Room 24. (25).

Baker, H. R. DeGrange, M. Hill, J. P. Norton, E. L.
Beeuwkes, C. J. Ford, C. E. Lindheim, N. R. Schermerhorn, A. V. R.
Bouchelle, B. N. Grasty, J. S. Marshall, T. H. Smith, J. Q. H.
Brady, J. H. Greene, J. D. Martin, W. E. Snavely, C.
Byrne, H. S. Harry, P. W. Moore, J. S. Spencer, E. M.
Clark, C. T. Heyman, S. Morgan, S. C. Wingert, M.
Deen, E. W.

History of English Law: Dr. LEE. Friday, 10 a. m., Room 19. (14).

Ayer, J. C. Eckenrode, H. J. Harry, J. W. Radcliffe, G. L. P.
Barnett, G. E. Fisher, F. C. Johnson, E. C. Snavely, C.
Brander, W. W. Gould, W. E. Martin, W. E. Weaver, C. C.
Drewry, W. S. Groome, P. L.

Introduction to the Study of Law: Dr. LEE. Tuesday, 10 a. m., Room 24. (18).

Bouchelle, B. N. De Grange, M. Hill, J. P. Moore, J. S.
Beeuwkes, C. J. Ford, C. E. Krager, W. M. Peters, J. G.
Brady, J. H. Grasty, J. S. Lindheim, N. R. Spencer, E. M.
Byrne, H. S. Griffin, J. W. Marshall, T. H. Wingert, M.
Clark, C. T. Heyman, S.

English Political and Constitutional History: (*Major Politics*): Dr. LEE. Wednesday and Friday, 12 m., Room 24. (24).

Baker, H. R. Deen, E. W. Grasty, J. S. Morgan, S. C.
Beeuwkes, C. J. De Grange, M. Heyman, S. Schermerhorn, A. V. R.
Bouchelle, B. N. Eckenrode, H. J. Hill, J. P. Smith, V. E.
Brady, J. H. Fisher, F. C. Lindheim, N. R. Snavely, C.
Byrne, H. S. Ford, C. E. Marshall, T. H. Spencer, E. M.
Clark, C. T. Gould, W. E. Moore, J. S. Wingert, M.

Economic Seminary: Associate Professors SHERWOOD and HOLLANDER. Thursday, 4–6 p. m., Room 21. (7).

Barnett, G. E. Fisher, F. C. Kilby, B. Smith, V. E.
Cator, G. Hanna, H. S. Martin, W. E.

Principles of Economics: Associate Professor SHERWOOD. Monday, 9 a. m., Room 24. (8).

Arnold, B. W. Cator, G. Fisher, F. C. Kilby, B.
Barnett, G. E. Drewry, W. S. Hanna, H. S. Martin, W. E.

Commerce: Associate Professor SHERWOOD. Thursday and Friday, 9 a. m., Room 24. (11).

Arnold, B. W. Drewry, W. S. Hanna, H. S. Martin, W. E.
Barnett, G. E. Fisher, F. C. Harry, J. W. Mulford, R. J.
Cator, G. Groome, P. L. Kilby, B.

Economic Thought before Adam Smith: Associate Professor HOLLANDER. Tuesday and Wednesday, 9 a. m., Room 21. (9).

Barnett, G. E. Groome, P. L. Harry, J. W. Mulford, R. J.
Cator, G. Hanna, H. S. Martin, W. E. Smith, V. E.
Fisher, F. C.

Recent Economic Changes: (*Elective Course*): Associate Professor HOLLANDER. Thursday, 12 m., Friday, 1 p. m., Room 24. (9).

Bouchelle, B. N. Fisher, F. C. Hattori, Y. Spencer, E. M.
Breed, A. A. Grasty, J. S. Lindheim, N. R. Wingert, M.
Cator, G.

Elements of Economics: (*Minor Course*): Associate Professor SHERWOOD. Thursday and Friday, 10 a. m., Room 24. (15).

Bernheim, B. M. Brown, E. B. Harris, W. H. Raffel, H. B.
Bird, A. R. Duck, R. S. Kohn, W. I. Vogeler, C. A.
Boyer, N. Flinn, F. B. Morgan, S. C. Whitman, H. S.
Brady, J. H. Griffin, E. J. Norton, E. L.

Economic Life and Thought: (*Minor Course*): Associate Professor HOLLANDER. Monday and Wednesday, 10 a. m., Room 21. (14).

Bernheim, B. M. Brady, J. H. Harris, W. H. Raffel, H. B.
Bird, A. R. Brown, E. B. Kohn, W. I. Vogeler, C. A.
Bouchelle, B. N. Duck, R. S. Norton, E. L. Whitman, H. S.
Boyer, N. Flinn, F. B.

Elements of Economics: (*History-Economics Course*): Associate Professor SHERWOOD. Thursday and Friday, 10 a. m., Room 24. (31).

Abercrombie, R. T. Eager, J. H. James, W. McC. Roulston, R. B.
Anderson, R. B. T. Ewell, J. E. Kerr, R. C. Rous, F. P.
Baetjer, H. Foster, F. Leopold, E. J. Routh, J. E.
Booker, J. W. Greene, J. D. Mackall, L. L. Smith, W. L.
Burrell, J. L. A. Glaser, O. C. McAll, R. L. Stephens, J. C.
Breed, A. A. Hill, H. D. Manken, H. Turnbull, B.
Brooks, C. E. Hollander, L. M. Purcell, F. N. D. West, A. P.
Deen, E. W. Hyde, E. P. Riggins, J. A.

Philosophy. (55 Students).

Classes meet in Room 12, McCoy Hall.

History of Philosophy: (*For Graduate Students*): Professor GRIFFIN. Friday, 3 p. m. (11).

Ayer, J. C. Ewing, A. H. McGuire, C. B. Watkins, R. H.
Batchelder, J. D. Hun, J. G. Thorson, I. A. Wicker, W. C.
Critchlow, F. L. Johnson, E. C. Visvanath, S. J.

Deductive and Inductive Logic: until December 22; ***Psychology:*** January 2 to March 30; ***Ethics:*** after April 1: Professor GRIFFIN. Daily, 11 a. m. ***Outlines of the History of Philosophy:*** Weekly. (44).

Anderson, R. B. T. Ewell, J. E. Hyde, E. P. Roulston, R. B.
Baetjer, H. Ford, C. E. Kerr, R. C. Rous, F. P.
Beeuwkes, C. J. Foster, F. Liddell, D. M. Schermerhorn, A. V. R.
Bouchelle, B. N. Glaser, O. C. Lindheim, N. R. Smith, W. L.
Brady, J. H. Grasty, J. S. McAll, R. L. Spencer, E. M.
Breed, A. A. Greene, J. D. Mackall, L. L. Stephens, J. C.
Brooks, C. E. Griffin, J. W. Manken, H. Taneyhill, G. L.
Burrell, J. L. A. Heyman, S. Marshall, T. H. Turnbull, B.
Clark, C. T. Hill, H. D. Moore, J. S. Wingert, M.
De Grange, M. Hill, J. P. Norton, E. L. Winslow, N.
Eager, J. H. Homer, H. L. Purcell, T. N. D. Wright, A.

Drawing. (57 Students).

Classes meet in the Howard Street Building, Room 18.

Freehand Drawing: Mr. WHITEMAN. Tuesday and Thursday, 2–5 p. m. (53).

Bandel, B. B. Heald, H. B. McGlone, B. Reider, C.
Barnett, E. Hildebrandt, L. F. Marbury, O. Reynolds, W. F.
Beasley, E. B. Hildt, J. C. Markell, C. Schmeisser, W. C.
Beeuwkes, H. Hill, E. C. Mason, S. T. Sharretts, R. C.
Bernheim, E. P. Hoffman, R. C. Moore, R. E. Sisco, G. E.
Buttner, W. J. Hoffman, W. E. Murphy, L. C. Slemons, J. A.
Cameron, P. J. S. Hoge, J. W. D. Myers, C. A. Smith, S.
Crane, R. T. Kenney, W. C. Ogle, M. B. Sneeringer, W. J.
Dew, A. G. Kirk, W. Pearre, A. Stone, H. B.
Diggs, R. M. Koppelman, W. H. Pels, I. B. Strouse, S.
England, J. T. Leopold, E. J. Pinkerton, T. C. White, L. J.
Gillespie, H. C. Lowndes, C. H. G. Putts, B. S. Wolman, S.
Guggenheimer, F. L. Macht, D. I. Ranft, C. F. Wroth, P.
Hand, J. P.

Special Class: Tuesday and Thursday, 2–5 p. m. (4).

Bruton, A. W. Cronin, F. H. Lisberger, S. J. Wolf, M. W.

Public Speaking. (152 Students).

Classes meet in McCoy Hall.

Parliamentary Practice: *Third Year* (*Senate*): Dr. LEE. Alternate Wednesdays, 11 a. m., Donovan Room. (47).

Abercrombie, R. T. Eager, J. H. Homer, H. L. Rous, F. P.
Anderson, R. B. T. Ewell, J. E. Hyde, E. P. Routh, J. E.
Baetjer, H. Flinn, F. B. Kerr, R. C. Schermerhorn, A. V. R.
Beeuwkes, C. J. Ford, C. E. Liddell, D. M. Smith, W. L.
Bouchelle, B. N. Foster, F. Lindheim, N. R. Smull, M. N.
Breed, A. A. Glaser, O. C. Mackall, L. L. Spencer, E. M.
Brooks, C. E. Grasty, J. S. Marshall, T. H. Taneyhill, G. L.
Bruce, E. S. Greene, J. D. McAll, R. L. Turnbull, B.
Burrell, J. L. A. Griffin, J. W. Moore, J. S. Winslow, N.
Chambers, L. M. Heyman, S. Peters, J. G. Wingert, M.
Clark, C. T. Hill, H. D. Purcell, T. N. D. Wright, A.
De Grange, M. Hill, J. P. Roulston, R. B.

Conference in Parliamentary Practice: Dr. LEE. Alternate Wednesdays, 4 p. m., Donovan Room. (45).

Abercrombie, R. T. Eager, J. H. Homer, H. L. Roulston, R. B.
Anderson, R. B. T. Ewell, J. E. Hyde, E. P. Rous, F. P.
Baetjer, H. Flinn, F. B. Kerr, R. C. Routh, J. E.
Beeuwkes, C. J. Ford, C. E. Liddell, D. M. Schermerhorn, A. V. R.
Bouchelle, B. N. Foster, F. Lindheim, N. R. Smith, W. L.
Breed, A. A. Glaser, O. C. Mackall, L. L. Smull, M. N.
Brooks, C. E. Greene, J. D. Marshall, T. H. Taneyhill, G. L.
Bruce, E. S. Griffin, J. W. McAll, R. L. Turnbull, B.
Burrell, J. L. A. Heyman, S. Moore, J. S. Winslow, N.
Chambers, L. M. Hill, H. D. Peters, J. G. Wingert, M.
Clark, C. T. Hill, J. P. Purcell, T. N. D. Wright, A.
De Grange, M.

Parliamentary Law: *Second Year* (*House of Representatives*): Dr. LEE. Alternate Thursdays, 12 m., Donovan Room. (51).

Bandel, J. M. Dapprich, F. R. Macheo, J. G. Snavely, G. E.
Baldauf, L. K. Duck, R. S. Manken, H. Spencer, L. C.
Bernheim, B. M. Ember, A. Morse, R. B. Stein, J. S.
Bird, A. R. Fishach, L. G. Mower, F. D. Straus, H. P.
Booker, J. M. Griffin, E. J. Noble, E. R. Struth, O. A.
Boyer, N. Griffith, W. A. Norton, E. L. Swindell, W. B.
Brady, J. H. Harris, W. H. Powers, H. W. S. Tyler, J. E.
Briscoe, J. S. Hatch, E. C. Raffel, H. B. Vogeler, C. A.
Brown, E. B. Hollander, L. M. Rehberger, G. E. Warner, H. M.
Bruton, A. W. James, W. McC. Riggins, J. A. West, A. P.
Byrne, H. S. Kohn, W. I. Sayler, J. A. Whitman, H. S.
Constantine, C. W. Leopold, E. J. Shippen, L. P. Wolf, M. W.
Cronin, F. H. Lowndes, E. Shreve, O. F.

Conference in Parliamentary Law: Dr. Lee. Alternate Thursdays, 12 m., Room 21. (51).

Bandel, J. M.	Dapprich, F. R.	Machen, J. G.	Snavely, G. E.
Baldauf, L. K.	Duck, R. S.	Manken, H.	Spencer, L. C.
Bernheim, B. M.	Ember, A.	Morse, R. B.	Stein, J. S.
Bird, A. R.	Fishach, L. G.	Mower, F. D.	Straus, H. P.
Booker, J. M.	Griffin, E. J.	Noble, E. R.	Struth, O. A.
Boyer, N.	Griffith, W. A.	Norton, E. L.	Swindell, W. B.
Brady, J. H.	Harris, W. H.	Powers, H. W. S.	Tyler, J. E.
Briscoe, J. S.	Hatch, E. C.	Rallel, H. B.	Vogeler, C. A.
Brown, E. B.	Hollander, L. M.	Rehberger, G. E.	Warner, H. M.
Bruton, A. W.	James, W. McC.	Riggins, J. A.	West, A. P.
Byrne, H. S.	Kohn, W. I.	Sayler, J. A.	Whitman, H. S.
Constantine, C.W.	Leopold, E. J.	Shippen, L. P.	Wolf, M. W.
Cronin, F. H.	Lowndes, E.	Shreve, O. F.	

Elements of Public Speaking: Dr. Lee. Assembly Room. Wednesday, 1 p. m. (19).

Bandel, B. B.	Kirk, W.	Putts, B. S.	Slemons, J. A.
Beasley, E. B.	Markell, C.	Ranft, C. F.	Smith, S.
Hildt, J. C.	McGlone, B.	Schneisser, W. C.	Sneeringer, W. J.
Hoge, J. F. D.	Murphy, L. C.	Sharretts, R. C.	Wroth, P.
Kenney, W. C.	Pinkerton, T. C.	Sisco, G. E.	

Thursday, 1 p. m. (17).

Barnett, E.	Guggenheimer, F. L.	Hutzler, L. S.	Moore, R. E.
Buttner, W. J.	Hand, J. P.	Knapp, A. M.	Pearre, A.
Diggs, R. M.	Hill, E. C.	Law, H. B.	Reynolds, W. F.
England, J. T.	Hill, H. D.	Marbury, O.	White, L. J.
Golladay, R. E.			

Friday, 1 p. m. (18).

Beeuwkes, H.	Gillespie, H. C.	Mason, S. T.	Reider, C.
Bernheim, E. P.	Heald, H. B.	Myers, C. A.	Stone, H. B.
Cameron, P. J. S.	Hildebrandt, L. F.	Ogle, M. B.	Strouse, S.
Deen, E. W.	Koppelman, W. H.	Pels, I. R.	Wolman, S.
Dew, A. G.	Macht, D. I.		

Public Lecturing: (*For Graduate Students*): Dr. Lee. Thursday, 4 p. m., Donovan Room. (10).

STUDENTS IN THE JOHNS HOPKINS MEDICAL SCHOOL.

Candidates for the Degree of M. D. (209).

Fourth Year. (44).

Akerman, J.	Christian, H. A.	Hendrickson, W. F.	Mosher, C. D.
Allen, H. W.	Dancy, W. R.	Hewlett, A. W.	Myrick, H. G.
Austin, M. F.	Eggers, A. H.	Kellogg, W. C.	Rand, R. F.
Beale, A. E.	Evans, H. C.	Kyes, P.	Reed, D. M.
Bettmann, M.	Fairbank, R.	Lebus, L.	Rusk, G. Y.
Briggs, E.	Farrar, C. B.	Lewis, W. H.	Sabin, F. R.
Brown, L.	Fisher, A. L.	Little, H. W.	Sowers, W. F. M.
Brülle, H.	Fisher, W. A.	Lowell, E. L.	Stone, E. A.
Buroam, C. F.	Fletcher, H.	MacCallum, J. B.	Warren, M.
Chace, E. S.	Flint, J. M.	Marvell, M. W.	West, J. M.
Chittenden, A. S.	Healy, W. P.	Meltzer, C. R.	Woolley, P. G.

Third Year. (56).

Atherton, A. M.	Connor, R.	Kauffman, B. B.	Smith, H. M.
Baetjer, F. H.	Drake, G. S.	Kaufman, H. M.	Spratt, C. N.
Baldwin, W. D.	Dutcher, A.	Lamson, T.	Stein, G
Berry, J. M.	Fowler, H. A.	Lewis, D. M.	Steinfeld, A. L.
Blakeslee, W. H.	Gay, F. P.	Long, M.	Swett, C. M.
Bloombergh, H. D.	Graham, N. D.	Longcope, W. T.	Ulrich, H. L.
Boggs, T. R.	Hall, G. W.	Lyle, A. G.	Underhill, A. J.
Bosley, J. R.	Hamman, L. V.	Maddren, W. H.	Walker, M. B.
Bunting, C. H.	Hastreiter, R. F.	Moore, E. S.	Warfield, L. M.
Butler, J. I.	Hathaway, J. H.	Parker, H. P.	Warren, G. W.
Carey, H. W.	Hitzrot, J. M.	Rubel, M. J.	Watts, S. H.
Chowning, W. M.	Holden, G. R.	Salter, J. C.	Wells, E. A.
Comer, R. T.	Hume, E. H.	Simis, M. P.	Wells, M.
Connor, G. L.	Johnston, W. B.	Slemons, J. M.	Winne, C. K.

Second Year. (59).

Auer, J.	Eddy, D. L.	Jones, T. M.	Reede, E. H.
Briggs, J. B.	Erving, W. G.	Karsted, A.	Riggins, E. N.
Browne, B. B.	Ferry, N. S.	Kimball, A. H.	Rogers, C. P.
Bruns, R. M.	Foster, N. B.	Lehr, L. C.	Scholl, G. B.
Bryan, W. M. C.	Francis, W. W.	L'Engle, E. M.	Silverberg, M.
Bush, C.	Frankenthal, M. A.	Litchfield, G. V.	Simpson, J. N.
Churchman, J. W.	Glenny, W. H.	Lootz, E.	Steele, H. M.
Clarke, T. W.	Grant, J. F.	Ludlum, S. D.	Tallant, A. W.
Cook, H. W.	Hardy, C. F.	MacGregor, G. M.	VanArsdall, C. B.
Coons, J. J.	Haviland, M. L.	Marshall, S. A.	VanDenburg, J.
Dohme, G. C.	Haynes, M. S.	McFarland, J. S.	Wight, O. B.
Dolley, D. H.	Hirshberg, L. K.	Meisenhelder, E. W.	Williams, C. L.
Dudley, H.	Horst, C. H.	Meisenhelder, J. E.	Williams, D.
Duffy, R.	Hyman, S.	Ochsner, H. W.	Wright, C. B.
Dunlop, J.	Jelke, W. F.	Pelton, G. I.	

First Year. (50).

Barker, M. L.	Fischer, J. S.	Lazenby, M.	Rainforth, S. I.
Bassett, V. H.	Gaenslen, F. J.	Loevenhart, A. S.	Riley, B. F.
Bennett, R.	Gaines, L. M.	Long, H. D.	Robinson, G. C.
Bixler, L. C.	Geraghty, J. T.	Lupton, E. J. S.	Schmitter, F.
Blauvelt, E. H.	Goldsborough, F. C.	Lynch, L. A.	Schultz, O. T.
Brush, C. E.	Haskell, L. W.	Manning, W. S.	Smith, W. H.
Chatard, J. A.	Hirschfelder, A. D.	Marshall, W.	Stevens, A. R.
Chinn, G. E.	Hopkins, R.	McClintock, R. W.	Tayler, L.
Clark, A. H.	Hunter, P. S.	Miller, R. T.	Thompson, W. L.
Cornell, W. B.	Hutchins, H. T.	Morse, M. E.	Travis, C. H.
Dewey, E. G.	Jones, C. L.	Moulton, W. B.	Watson, F. H.
Edwards, R. T.	Keidel, A.	Neagle, H. B.	Young, C. W.
Fayerweather, R.	Kingsbury, H. P. D.		

Physicians Attending Special Courses. (14).

Curtiss, R. M.	Kibbe, M. E.	Newton, D. H.	Somers, G. B.
Fearn, T.	Latimer, C. W.	Otis, F. J.	Thompson, W. L.
Garner, M. E.	Middleton, J. I.	Potter, C. H.	Wilson, G.
Kerr, A. T.	Miller, W. McN.		

HOPKINS SCHOLARSHIPS.

Hopkins Scholarships for the current academic year have recently been awarded as follows :—

To Graduate Students:

Honorary.

J. R. C. Brown, of Virginia.

Ordinary.

H. A. Converse, of Virginia. J. M. Love, of Virginia.
C. D. Harris, of North Carolina. R. H. Watkins, of North Carolina.

To Undergraduates from Maryland:

Ordinary.

S. Wolman, S. Strouse,
I. R. Pels, C. Markell, Jr.
D. I. Macht,

The Johns Hopkins Press has just issued a volume on Cuba and International Relations, by James M. Callahan, Lecturer in Diplomatic History, Johns Hopkins University. The volume contains 503 pages, octavo, and is sold at the price of three dollars.

This is probably the first book treating Cuba entirely from the standpoint of its position and influence in American history and international relations.

The political conditions in Spain, as well as those in Cuba and America, are presented so far as they have any bearing upon the subject.

The author has made a careful examination of original sources. The materials of his work are drawn from a study of several years among the archives at Washington.

In the Critical Edition of the Hebrew Text of the Polychrome Bible, directed by Professor Haupt, the following parts have just appeared:

The Book of Ezekiel, edited by Professor C. H. Toy, LL. D., of Harvard University.

The Book of Isaiah, edited by Professor T. K. Cheyne, M. A., D. D., of the University of Oxford.

The journal "Terrestrial Magnetism and Atmospheric Electricity," edited by L. A. Bauer, Ph. D., Lecturer on Terrestrial Magnetism, will be hereafter published by The Johns Hopkins Press. The journal is now in its fourth volume. It appears quarterly.

The volume of Studies in State Taxation, with Particular Reference to the Southern States, edited by Dr. J. H. Hollander, is now in press and will appear early in January.

The pupils of Professor William H. Welch have decided to give expression to their regard for him by the publication of a volume to mark his twenty-fifth year as a teacher and investigator.

During the past twenty-five years some seventy-five persons have undertaken investigation under Dr. Welch's leadership and nearly half of these will contribute to the volume mentioned.

The volume will be royal octavo in size and will contain at least five hundred pages of printed matter. It will, in addition, be illustrated with many lithographic plates and text figures. It will contain contributions to pathology and to correlated sciences agreeing in scope with that of the leading scientific medical journals. Special announcements will be sent on application to Professor Mall, Johns Hopkins Medical School.

RECENT APPOINTMENTS.

The following list contains the names of graduates or persons formerly connected with this University who have received academic or scientific appointments within the past six months. When no institution is named, the Johns Hopkins University is to be understood.

Greek and Latin.

W. W. BADEN (A. B., 1881, Fellow, 1890–92, Ph. D., 1892)—Professor of Latin, University of Idaho.

J. W. BASORE (Fellow, 1898–99, Ph. D., 1899)—Professor of Latin, Hampden-Sidney College.

MITCHELL CARROLL (Fellow, 1891–92, Ph. D., 1893, Reader, 1898–99)—Acting Professor of Latin and Lecturer in Classical Archæology, Columbian University.

W. B. DANIEL (Graduate Student, 1893–99)—Assistant in Latin and Greek, Wake Forest College.

W. A. ECKELS (Ph. D., 1898, Fellow by Courtesy, 1895–99)—Professor of Greek, Miami University.

E. W. FAY (Fellow, 1888–90, Ph. D., 1890)—Professor of Latin and Greek, University of Texas.

C. J. GOODWIN (Fellow, 1888–89, Ph. D., 1890)—Professor of Greek, Lehigh University.

A. S. HAGGETT (Fellow, 1896–97, Ph. D., 1897)—Instructor in Greek, Worcester Academy, Mass.

H. A. HAMILTON (Fellow, 1898–99, Ph. D., 1899)—Associate in Greek, Bryn Mawr College.

S. S. KINGSBURY (Ph. D., 1898)—Instructor in Greek, Princeton Preparatory School.

G. J. LAING (Fellow, 1895–96, Ph. D., 1896)—Assistant in Latin, University of Chicago.

E. B. LEASE (Fellow, 1892–93, Ph. D., 1894)—Instructor in Latin, Wesleyan University, Conn.

W. A. MONTGOMERY (A. B., 1892, Ph. D., 1899)—Instructor in Ancient Languages, University of Arkansas.

D. A. PENICK (Fellow, 1897–98, Ph. D., 1898)—Instructor in Greek and Latin, University of Texas.

R. S. RADFORD (Ph. D., 1895)—Associate in Latin Literature, Bryn Mawr College.

C. A. SAVAGE (A. B., 1895)—Instructor in Latin, University of Minnesota.

T. STANLEY SIMONDS (Ph. D, 1896)—Professor of Latin, Trinity College, Conn.

M. C. SUTPHEN (Ph. D., 1899)—Instructor in Latin.

MINTON WARREN (Associate, Associate Professor, and Professor, 1879–99)—Professor of Latin, Harvard University.

G. M. WHICHER (Graduate Student, 1884–85)—Professor of Latin, Normal College, New York City.

Sanskrit and Comparative Philology.

A. W. STRATTON (Fellow, 1893–95, Ph. D., 1895)—Principal and Professor of Sanskrit in the Oriental College of Lahore, India.

Semitic Languages.

C. JOHNSTON (Fellow, 1889–91, Ph. D., 1894, Instructor and Associate, 1891–99)—Associate Professor of Oriental History and Archæology. [*Promotion.*]

Modern Languages.

E. C. ARMSTRONG (Fellow, 1896–97, Ph. D., 1897, Instructor, 1897–99)—Associate in Romance Languages. [*Promotion.*]

M. L. BARR (Graduate Student, 1894–99)—Instructor in English, High School, Newark, N. J.

E. J. BECKER (A. B., 1894, Ph. D., 1898)—Professor of Modern Languages, Woman's College, Richmond, Va.

M. P. BRUSH (Ph. D., 1898)—Instructor in Romance Languages.

KILLIS CAMPBELL (Fellow, 1897–98, Ph. D., 1898)—Instructor in English, University of Texas.

G. D. DAVIDSON, A. B., 1899)—Associate in Modern Languages, Shenandoah Valley Academy, Va.

P. J. FREIN (Fellow, 1898–99, Ph. D., 1899)—Instructor in Romance Languages, Stanford University.

N. E. GRIFFIN (A. B., 1894, Ph. D., 1899)—Instructor in English, Iowa State University.

WILLIAM KURRELMEYER (A. B., 1896, Fellow, 1897–99, Ph. D., 1899)—Professor of Modern Languages, Franklin and Marshall College.

C. C. MARDEN (A. B., 1889, Ph. D., 1894, Instructor and Associate, 1894–99)—Associate Professor of Romance Languages. [*Promotion.*]

W. A. NITZE (A. B., 1894, Fellow, 1897–98, Ph. D., 1899)—Lecturer in Romance Languages, Columbia University.

PHILIP OGDEN (Ph. D., 1897, Instructor, 1897–99)—Associate in Romance Languages. [*Promotion.*]

D. P. PARHAM (Graduate Student, 1895–99)—Professor of English, Virginia College, Roanoke, Va.

C. W. PRETTYMAN (Fellow, 1896–97)—Instructor in German, Dickinson College.

ADOLF RAMBEAU (Associate and Associate Professor, 1893–99)—Professor of Modern Languages, Massachusetts Institute of Technology.

H. S. WEST (Fellow, 1898–99, Ph. D., 1899)—Assistant in English.

R. H. WILSON (A. B., 1892, Ph. D., 1898, Instructor, 1898–99)—Associate Professor of Romance Languages, University of Virginia.

C. F. WOODS, JR. (A. B., 1891, Ph. D., 1897)—Assistant Professor of Modern Languages, Swarthmore College.

History, Economics, and Politics.

T. S. ADAMS (A. B., 1896, Fellow, 1898–99, Ph. D., 1899)—Statistician, U. S. Census Bureau.

J. H. HOLLANDER (A. B., 1891, Fellow, 1893–94, Ph. D., 1894, Instructor and Associate, 1894–99)—Associate Professor of Finance. [*Promotion.*]

A. F. LEWIS (Ph. D, 1899)—Professor of History, University of Arkansas.

L. F. SCHMECKEBIER (A. B., 1896, Fellow, 1898–99, Ph. D., 1899)—U. S. Geological Survey.

ST. G. L. SIOUSSAT (A. B., 1896, Ph. D., 1899)—Instructor in History, Smith College.

T. P. THOMAS (Ph. D., 1895)—Professor of History, Woman's College of Baltimore. [*Promotion.*]

W. W. WILLOUGHBY (A. B., 1888, Fellow, 1890–91, Ph. D., 1891, Reader and Associate, 1894–99)—Associate Professor of Political Science. [*Promotion.*]

Mathematics and Astronomy.

C. R. DUVALL (Graduate Student, 1892–96)—Computer, U. S. Coast and Geodetic Survey, Washington.

W. H. MALTBIE (Fellow, 1894–95, Ph. D., 1895)—Professor of Mathematics, Woman's College of Baltimore. [*Promotion.*]

S. A. MITCHELL (Fellow, 1897–98, Ph. D., 1898)—Assistant, Astronomical Observatory of Columbia University.

N. M. PARRISH (Special Student, 1876–78, 1881–82)—Professor of Mathematics, State Normal College, Florence, Ala.

N. A. PATTILLO (Ph. D., 1897)—Professor of Mathematics, Randolph-Macon Woman's College, Lynchburg, Va.

Physics.

N. E. DORSEY (A. B., 1893, Fellow, 1896–97, Ph. D., 1897, Assistant, 1897–99)—Associate in Physics. [*Promotion.*]

C. N. HARRISON (Ph. D., 1898)—Professor of Machine Design, University of Wisconsin.

CARL KINSLEY (Graduate Student, 1898–99)—Expert in the U. S. Signal Service for the Study of Wireless Telegraphy.

HAROLD C. RIDGELY (Graduate Student, 1893–95, 1896–97)—Professor of Physics, Charlotte Hall School, Maryland.

J. J. ROTHERMEL (Proficient in Electricity, 1895)—Instructor in Physics, Hanover (Pa.) High School.

F. A. SAUNDERS (Fellow, 1898–99, Ph. D., 1899)—Instructor in Physics, Haverford College.

J. P. C. SOUTHALL (Fellow by Courtesy, 1898–99)—Instructor in Physics, Hobart College.

C. W. WAIDNER (A. B., 1896, Fellow, 1897–98, Ph. D., 1898, Assistant, 1898–99)—Assistant in Physics, Williams College.

F. A. WEIHE (Graduate Student, 1890–91)—Professor of Physics, N. C. College of Agriculture and Mechanic Arts.

Chemistry.

W. N. BERKELEY (Ph. D., 1899)—Instructor in Chemistry, San Juan, Puerto Rico.

C. C. BLACKSHEAR (Ph. D., 1890)—Professor of Chemistry, Woman's College of Baltimore. [*Promotion.*]

H. G. BYERS (Ph. D., 1899)—Professor of Chemistry, University of Washington.

J. S. CHAMBERLAIN (Fellow, 1898–99, Ph. D., 1899)—Instructor in Chemistry, Oberlin College.

G. S. FRAPS (Fellow, 1898–99, Ph. D., 1899)—Assistant Professor of Chemistry, Agricultural and Mechanical College of North Carolina.

R. N. HARTMAN (Ph. D., 1894)—Professor of Chemistry, Colorado School of Mines.

W. E. Henderson (Fellow, 1895–96, Ph. D., 1896)—Assistant Professor of Analytical Chemistry, Ohio State University.

Nicholas Knight (Fellow by Courtesy, 1894–95, 1898–99)—Professor of Chemistry, Cornell College, Iowa.

S. R. McKee (Ph. D., 1895)—Professor of Chemistry, Southwestern Presbyterian University, Tenn.

R. Harry Thomas (A. B., 1899)—Instructor in Chemistry, Williamson School, Philadelphia.

C. E. Waters (A. B., 1895, Ph. D., 1899)—Instructor in Chemistry, etc., Centenary Collegiate Institute, Hackettstown, N. J.

F. D. Wilson (Ph. D., 1899)—Assistant in Chemistry, Tufts College.

J. H. C. Winston (Ph. D., 1899)—Adjunct Professor of Physical Science, Hampden-Sidney College.

Natural Sciences.

Cleveland Abbe, Jr. (Fellow, 1897–98, Ph. D., 1898)—Professor of Natural Sciences, Winthrop Normal and Industrial College, S. C.

R. M. Bagg (Ph. D., 1895, Assistant, 1895–97)—Instructor in Natural Science, Public Schools, Colorado Springs, Colo.

E. W. Berger (Ph. D., 1899)—Professor of Biology, Baldwin University, Ohio.

H. L. Clark (Fellow, 1896–97, Ph. D., 1897)—Professor of Biology, Olivet College.

F. W. Cragin (Ph. D., 1899)—Professor of Geology, Colorado College. [*Resumption of former position.*]

L. C. Glenn (Fellow, 1898–99, Ph. D., 1899)—Associate Professor of Biology and Geology, South Carolina College.

U. S. Grant (Fellow, 1891–92, Ph. D., 1893)—Professor of Geology, Northwestern University.

Caswell Grave (Fellow, 1898–99, Ph. D., 1899)—Adam T. Bruce Fellow; scientific investigator for the U. S. Fish Commission, 1899.

D. S. Johnson (Fellow, 1896–97, Ph. D., 1897, Bruce Fellow, 1897–98, Assistant, 1898–99)—Associate in Botany. [*Promotion.*]

J. L. Kellogg (Fellow, 1891–92, Ph. D., 1892)—Assistant Professor of Biology, Williams College.

A. L. Lamb (A. B., 1888)—Science Master, Country School for Boys, Baltimore.

George Lefevre (A. B., 1891, Ph. D., 1896, Fellow, 1894–95, Bruce Fellow, 1895–97, Assistant, 1897–98)—Professor of Zoology, University of Missouri.

A. G. Leonard (Ph. D., 1898)—Acting Professor of Geology, University of Missouri.

E. B. Mathews (Fellow, 1893–94, Ph. D., 1894, Instructor and Associate, 1894–99)—Associate Professor of Mineralogy. [*Promotion.*]

G. B. Shattuck (Fellow, 1896–97, Ph. D., 1897, Instructor, 1897–99)—Associate in Physiographic Geology. [*Promotion.*]

S. Watase (Bruce Fellow, 1889–90, Ph. D., 1890)—Professor of Cellular Biology, University of Tokyo.

Medicine.

C. R. Bardeen (M. D., 1897, Assistant, 1897–99)—Associate in Anatomy. [*Promotion.*]

J. G. Clark (Associate, 1898–99)—Professor of Gynecology, University of Pennsylvania.

P. M. Dawson (A. B., 1894, M. D., 1898, Fellow, 1898–99)—Assistant in Physiology.

G. W. Dobbin (A. B., 1891, Assistant, 1895–99)—Associate in Obstetrics. [*Promotion.*]

Simon Flexner (Fellow, Associate, Associate Professor, and Professor of Pathological Anatomy, 1891–99)—Professor of Pathology, University of Pennsylvania.

W. W. Ford (M. D., 1898)—Fellow in Pathology, McGill University.

F. T. Fulton (A. B., 1895, M. D., 1899)—Pathological Interne, City Hospital, Boston, Mass.

L. P. Hamburger (A. B., 1893, M. D., 1897)—Assistant in Medicine.

R. G. Harrison (A. B., 1889, Fellow, 1893–94, Ph. D., 1894, Bruce Fellow, 1894, Instructor and Associate, 1896–99)—Associate Professor of Anatomy. [*Promotion.*]

H. McE. Knower (A. B., 1890, Fellow, 1894–95, Bruce Fellow, 1895–96, Ph. D., 1896)—Instructor in Anatomy.

H. T. Marshall (A. B., 1894, M. D., 1898)—Fellow in Pathology.

E. L. Opie (A. B., 1893, M. D., 1897, Fellow, 1898–99)—Second Assistant in Pathology.

R. G. Perkins (M. D., 1898)—Demonstrator of Pathology, Western Reserve University.

M. T. Sudler (Ph. D., 1899)—Assistant in Anatomy.

J. W. Williams (A. B., 1886, Associate and Associate Professor, 1893–99)—Professor of Obstetrics. [*Promotion.*]

OBITUARY.

GEORGE ALLISON HENCH (Ph. D., 1889).

[Reprinted from *Modern Language Notes, Baltimore, November*, 1899.]

On a tour in the White Mountains, last summer, Professor Hench, of the University of Michigan, was thrown from his bicycle and received injuries which resulted in his death four days later, on the sixteenth of August.

He was born at Centre, Pennsylvania, on the fourth of October, 1866, and received his collegiate education at Dickinson College, entering the Freshman class in 1881, and at Lafayette College, where he spent the last three years of his course, and was graduated with the degree of Bachelor of Arts in 1885. He then took up the study of Germanic Philology at the Johns Hopkins University, and remained matriculated there for four years; during the summer semester of 1887, however, he attended courses at the University of Berlin. The excellence of his work at Johns Hopkins won for him, in June of the following year, the Fellowship in German; the remainder of the summer he spent at Vienna, collecting, in the Imperial Library, the material for his dissertation. In June 1889 he received the degree of Doctor of Philosophy. After another year of study in the universities of Heidelberg and Berlin he was appointed instructor in German in the University of Michigan, where he met with rapid promotion. Within a twelve-month he was made Assistant Professor of Germanic Philology, and in 1896, though then barely thirty years old, he succeeded Professor Thomas as Professor of Germanic Languages and Literature, and head of the German Department; which position he continued to hold until his untimely death.

As a scholar, Professor Hench won an enviable reputation at the very outset of his career, by his dissertation on the *Monsee Fragments*, 1890, a "diplomatic-critical" edition of the Vienna and Hanover manuscripts of these Old-High-German texts, with their Latin originals, notes on variant readings, etc., and a grammatical treatise; to which were added, later in the same year, an introduction, an exhaustive glossary, and a photo-lithographic facsimile. It was an excellent piece of work, distinguished by extraordinary discernment of minute paleographic details, by acumen and independence of judgment in the discussion of the origin and the history of the manuscripts, and by accurate scholarship and painstaking thoroughness throughout; qualities which marked the author at once as a man of unusual promise. They were alike characteristics of his second work, an edition of one of the most important Old-High-German translations from the Latin, that of the tractate of Isidorus *De Fide Catholica contra Judæos*. It was published in 1893 as volume lxxii of the *Quellen und Forschungen*, under the title *Der Althochdeutsche Isidor, Facsimile-Ausgabe des Pariser Codex nebst critischem Texte der Pariser und Monseer Bruchstücke*, and was provided, like the author's first publication, with an introduction, a grammatical treatise, and a complete vocabulary. It is now the standard edition of that text, and needs only to be reprinted in a less expensive form, without the facsimiles, in order to be in the hands of every student of Old-High-German. Outside of these larger works, Professor Hench has published but little: reviews of Kuno Fischer's *Goethes Tasso* and Zangemeister und Braune's *Bruchstücke der altsächsischen Bibeldichtung aus der Bibliotheca Palatina*, in the *Mod. Lang. Notes*, Vols. vi and ix; an article on the Gothic *guþ* in Paul und Braune's *Beiträge*, Vol. xxi; and an article on *The Voiced Spirants in Gothic*, in the *Journal of Germanic Philology*, Vol. i. * * * * * * * It was upon his motion that the Modern Language Association, in 1896, appointed the Committee of Twelve on secondary instruction in the Modern Languages, whose admirable report has just appeared; he was a member of the sub-committee on methods, and at the general meeting of the committee a year ago, he strenuously exerted his influence in favor of high ideals and rigid standards in secondary education.

Taken for all in all, he was, in his devotion to scholarly ideals amid the deadening routine of administrative work, in his thoroughness as a teacher, and in the breadth of his sympathies as an educator, a rare embodiment of all that is best in the American type of a university man.

H. K. Schilling.

A memorial of Professor Hench by his friend and former associate at Ann Arbor, Professor Calvin Thomas, appears in the *Journal of Germanic Philology*, Vol. II (1899), No. 4, pp. 550–554. A portrait of Professor Hench is also given in that number of the *Journal*.

PUBLIC EDUCATIONAL COURSES, 1899–1900.

During the current academic year the scope of the winter courses of public instruction will be somewhat widened. Last season a single course of twenty lectures was given in the representative science of Physical Geography. This year there will be an advanced course in this subject, including Meteorology, and also a course of twenty lectures in Physics, including laboratory exercises.

The lectures in physical geography are given under the auspices of the Geological Department. Dr. Shattuck, who opens the course, is, in addition to being one of the associates in Geology, Chief of the Coastal Plain Division of the Maryland Geological Survey and has made a special study of physiographic processes.

Dr. Fassig, in addition to being an instructor in meteorology at the University, is also a Section Director of the U. S. Weather Bureau, assigned to work in connection with the Maryland State Weather Service, and has a very intimate knowledge of the meteorology of Maryland.

The course in Physics will be under the direction of Professor Ames and will be given in the Physical Laboratory.

The courses are designed to offer instruction in various branches of Physics, making a fairly systematic course. The lectures will be illustrated by experiments and by lantern demonstrations, and will be suited for a public audience as well as for those who are teachers or students.

The laboratory exercises will be offered exclusively to teachers of Physics, and an attempt will be made to offer suitable instruction in the preparation of lectures and in the direction of laboratory work.

Last season a course of twenty lectures was given upon historical and educational subjects.

This year three short courses of lectures in English Literature, by Professor Albert H. Smyth, of Philadelphia, have been promised and will be illustrated by lantern views.

It will not be possible for any one to attend all of these classes. Some will be held on Friday evenings and Saturday mornings, at times the most convenient for public school teachers. Other courses will be given in the afternoon, during the week, on days to be announced later; but all of the following will be public educational courses and open to applicants at a moderate charge.

Citizens of Baltimore and Maryland, whether engaged in teaching or not, will enjoy in the winter season the privileges which in some academic communities are offered in summer sessions.

The attention of clergymen, charity organization workers, and the friends of municipal improvement is especially called to the two courses of Dr. Jeffrey R. Brackett and Dr. J. H. Hollander (author of "The Financial History of Baltimore"), devoted to "Studies of the Modern City."

Subjects, hours, and fees for all these courses are given in a special circular.

I. Advanced Physical Geography.

(1) **GEOLOGY.** Five class lectures by Dr. GEORGE B. SHATTUCK, Saturday mornings, at 10.30, and continuing weekly at this hour in the same place.

(2) **METEOROLOGY.** Fifteen class lectures by Dr. OLIVER L. FASSIG, will be given on Saturday mornings after the close of Dr. Shattuck's course.

Friday afternoon informal conferences on the practical bearings of meteorology and on the work of meteorological bureaus will be arranged for those taking the course in Physical Geography.

II. Physics.

There will be two courses in Physics, as follows:

First, a Series of Twenty Lectures on Special Topics by Professor AMES. This course will be given on Saturdays, at 9 a. m., in the Physical Laboratory. The lectures will be illustrated by experiments and demonstrations.

Second, a Laboratory Course designed for Teachers of Physics. This will consist of work in the Physical Laboratory on Saturday mornings, at 10 o'clock; and opportunities will be given the members of the class to set up apparatus for lecture purposes and to perform suitable experiments.

III. Studies of the Modern City.

Part 1. **PUBLIC AID, CHARITY, AND CORRECTION.** A course of ten lectures is offered by Dr. JEFFREY R. BRACKETT upon problems of Public Aid, Charity, and Correction, with particular reference to social conditions in the large cities of the United States. Beginning with the growing opportunities and the need of education for social service, the lectures will treat the general tendencies towards the restoration of dependents and the prevention of dependence. Illustrations will be given from conditions in Baltimore, and the course is aimed to be of especial use to clergymen and to students who plan to take up practical social work.

The topics will be as follows:

1. Study of Philanthropy; 2. Causes of Poverty, Pauperism and Crime; 3. The Aim of Philanthropy; 4. Treatment of the Homeless; 5. Treatment of the Resident Needy; 6. Public Aid or Charitable Aid; 7. Reformation; 8. Child-saving; 9. Neighborhood Improvement and Personal Contact; 10. The Church as a Factor in Social Progress.

Part 2. **CITY GOVERNMENT AND CITY IMPROVEMENT.** A course of ten lectures, following Dr. Brackett's, is offered by Associate Professor J. H. Hollander upon the principles and practice of Municipal Government, with particular reference to current municipal problems in the United States. The method of treatment will be descriptive, critical and comparative. Beginning with a discussion of the growth and significance of the modern industrial city, attention will be paid to the characteristic features of municipal organization in Great Britain, France and Germany. The evolution of the American city will then be traced, and detailed study made of municipal administration, finances and functions in the United States. In conclusion, the future and the possibilities of the American city will be discussed.

The topics will be as follows:

1. The Problems of Municipal Government; 2. The Growth of Cities; 3. Municipal Government in Great Britain; 4. Municipal Government in France; 5. Municipal Government in Germany; 6. The Evolution of the American City; 7. Municipal Administration in the United States; 8. Municipal Finances in the United States; 9. Municipal Functions in the United States; 10. The Possibilities of the American City.

IV. Modern English Literature.

(1) **LIVING WRITERS OF ENGLAND.** Six class lectures by Professor ALBERT H. SMYTH, of Philadelphia, in McCoy Hall.

(2) **THE LAKE COUNTRY—PAST AND PRESENT.** These lectures, also by Professor Smyth, are illustrated with entirely new lantern views. The photographs of Cumberland scenery and of Westmoreland places and people were taken under Professor Smyth's direction.

(3) **BURNS AND SCOTT.**

A series of lectures on special educational topics will also be given.

Special circulars as to the above courses will be issued from time to time and may be had at the Office of the Registrar of the University.

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HOURS FOR LECTURES AND RECITATIONS, FIRST HALF-YEAR, 1899-1900.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
A. M.	Riemann's Surfaces. (Craig.) (8 a. m.) Automorphic Functions. (Craig.) Chem.: Journal Meeting. (Remsen.)	Riemann's Surfaces. (Craig.) (8 a. m.) Automorphic Functions. (Craig.) Organic Chemistry. (Remsen.) Chem.: Minor. (Renouf and Gilpin.) Chemistry: Major. (Morse.) Latin Composition. (Sutphen.) Italian: Minor. (Brush.)	Theory of Surfaces. (Craig.) Organic Chemistry. (Remsen.) Chem.: Minor. (Renouf and Gilpin.) Chemistry: Major. (Morse.) Livy. (Sutphen.)	Differential Equa. (Craig.) (8 a. m.) Theory of Surfaces. (Craig.) Organic Chemistry. (Remsen.) Chem.: Minor. (Renouf and Gilpin.) Chemistry: Major. (Morse.) Livy. (Sutphen.) Italian: Minor. (Brush.)	Differential Equa. (Craig.) (8 a. m.) Organic Chemistry. (Remsen.) Chem.: Minor. (Renouf and Gilpin.) Chemistry: Major. (Morse.) Livy. (Sutphen.) Italian: Minor. (Brush.)	Experimental Physics. (Hoff.) (9-12.)
9	English Literature. (Greene.) Italian: Minor. (Brush.) Analytic Geom: Minor. (Hulburt.) Geological Physics. (Reid.) Solid Geometry: Elem. (Cohen.) German Readings. (Baker.) Middle High German. (Vos.) Spanish: Elective. (Marden.) Romance Methodology. (Keidel.) Economics. (Sherwood.)	Determinants and Calculus. (Hulburt.) Historical Geology. (Clark.) Zoology: Major. (Brooks & Johnson.) Differential Equa. (Cohen.) (8 a. m.) German Oral Exercises. (Hofmann.) German: Elem. (Vos.) Spanish: Minor. (Marden.) Arabic: Elem. (Johnston.) Physiology. (Dreyer.) Economic Thought. (Hollander.) Roman Literature. (Smith.) Thukydides. (Miller.)	Determinants and Calculus. (Hulburt.) Historical Geology. (Clark.) Zoology: Major. (Brooks & Johnson.) German Oral Exercises. (Hofmann.) German: Elem. (Vos.) Spanish: Minor. (Marden.) Physiology. (Howell.) Economic Thought. (Hollander.) Physics: Adv. (Dorsey.)	Determinants and Calculus. (Hulburt.) Geological Physics. (Reid.) Zoology: Major. (Brooks & Johnson.) Middle High German. (Vos.). Spanish: Minor. (Marden.) Coptic. (Johnston.) Physiology. (Howell.) Old Provençal. (Armstrong.) Commerce. (Sherwood.) Dio Chrysostom. (Spieker.) Thukydides. (Miller.)	Zoology: Major. (Brooks & Johnson.) Differential Equa. (Cohen.) (8 a. m.) Transformation Groups. (Cohen.) German: Elem. (Vos.) Spanish: Minor. (Marden.) Physiology. (Dreyer.) French Grammar. (Armstrong.) Commerce. (Sherwood.)	
10	Greek Seminary. (Gildersleeve.) Heat Conduction. (Rowland.) Physics: Minor. (Ames.) General Biology. (Andrews.) Zoology: Adv. (Brooks.) (10-5.) Latin Composition. (Wilson.) French: Major. (Brush.) Ancient History. (Ballagh.) French Grammar (Armstrong.) Economics. (Hollander.) Greek Composition. (Miller.) Historical Politics. (Vincent.) Italian: Elective. (Ogden.) Diplomatic History. (Callahan.)	Practical Exercises. (Gildersleeve.) Heat Conduction. (Rowland.) Analytic Geometry: Minor. (Hulburt.) Physiographic Geology. (Shattuck.) Botany. (Johnson.) Zoology: Adv. (Brooks.) (10-5.) German Readings. (Baker.) English Literature. (Greene.) Spanish Philology. (Marden.) Dio Chrysostom. (Spieker.) Reformation. (Vincent.) Solid Geometry: Elem. (Cohen.) German Seminary. (Wood.) Hebrew at Sight. (Johnston.) Introduction to Law. (Lee.)	Greek Seminary. (Gildersleeve.) Physics: Minor. (Ames.) General Biology. (Andrews.) Botany. (Johnson.) Zoology: Adv. (Brooks.) (10-5.) Catullus, etc. (Wilson.) French: Major. (Brush.) Ancient History. (Ballagh.) French Grammar. (Armstrong.) Economics. (Hollander.) Latin Composition. (Sutphen.) Historical Politics. (Vincent.) Transformation Groups. (Cohen.) Old Norse. (Wood.) Diplomatic History. (Callahan.)	Greek Historiography. (Gildersleeve.) Heat Conduction. (Rowland.) Physics: Minor. (Ames.) General Biology. (Andrews.) Zoology: Adv. (Brooks.) (10-5.) Catullus, etc. (Wilson.) French: Major. (Ogden.) Ancient History. (Ballagh.) Economics. (Sherwood.) Cicero, etc. (Sutphen.) Reformation. (Vincent.) Anglo-Saxon. (West.) German Seminary. (Wood.)	Practical Exercises. (Gildersleeve.) Heat Conduction. (Rowland.) Physics: Minor. (Ames.) General Biology. (Andrews.) Zoology: Adv. (Brooks.) (10-5.) Catullus, etc. (Wilson.) French: Major. (Brush.) Ancient History. (Ballagh.) Spanish Philology. (Marden.) Economics. (Sherwood.) Cicero, etc. (Sutphen.) Historical Conference. (Vincent.) German Seminary. (Wood.) Syriac. (Johnston.) English Law. (Lee.)	
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2	Hebrew: Elem. (Haupt.)	Old Testament Seminary. (Haupt.) Drawing. (Whiteman.)	Assyrian Seminary. (Haupt.) Old French Readings. (Brush.)	Drawing. (Whiteman.)	Post-Biblical Hebrew. (Rosenau.)	
3	Hebrew: Elem. (Haupt.)	Old Testament Seminary. (Haupt.) English Seminary. (Bright.) Drawing. (Whiteman.)	Compar. Semitic Syntax. (Haupt.) Old French Readings. (Brush.) Old French Read.: Elem. (Armstrong.)	English Seminary. (Bright.) Drawing. (Whiteman.)	Post-Biblical Hebrew. (Rosenau.) History of Philosophy. (Griffin.)	
4	Compar. Philology. (Bloomfield.) Hebrew Grammar. (Grimm.) Spanish. (Gould.)	Sanskrit: Elem. (Bloomfield.) History of Israel. (Johnston.) English Seminary. (Bright.) Drawing. (Whiteman.) Higher Plane Curves. (Cohen.) (4-30.) Spanish. (Gould.)	Arabic Composition. (Haupt.) Assyrian Composition. (Haupt.) Hebrew Composition. (Haupt.) French Conversation. (Teillard.) Forensics. (Lee.) (Alternate Wed.)	Sanskrit: Elem. (Bloomfield.) Econom. Sem. (Sherwood & Hollander.) English Seminary. (Bright.) Drawing. (Whiteman.) Higher Plane Curves. (Cohen.) (4.30.) Germanic Society. (Wood.) (Alternate Thursdays.) Spanish. (Gould.) Public Lecturing. (Lee.)	Comparative Grammar. (Bloomfield.) Ethiopic. (Haupt.) English Journal Club. (Bright.) (Alternate Fridays.) Physical Seminary. (Ames.) Spanish. (Gould.)	
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